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A Statistical Handbook for the

Desert

Citrus

Industry



Agricultural Experiment Station

The University of Arizona

Tucson, Arizona



A STATISTICAL HANDBOOK FOR THE
DESERT CITRUS INDUSTRY

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TABLE OF CONTENTS

	<u>Page</u>
LIST OF TABLES	iii
LIST OF FIGURES	viii
INTRODUCTION . . ,	1
ORANGE DATA	6
United States	
Acreage	6
Production and Utilization	7
Arizona-California	
Acreage	15
Production and Utilization	16
Shipments	20
Prices	24
GRAPEFRUIT DATA	31
United States	
Acreage	31
Production and Utilization	32
Arizona-California Desert	
Production and Utilization	37
Shipments	41
Prices	45
LEMON DATA	51
United States	
Acreage	51
Production and Utilization	52
Arizona-California	
Acreage	57
Production and Utilization	59
Shipments	61
Prices	63
CONSUMPTION DATA	65

LIST OF TABLES

<u>Table No.</u>		<u>Page</u>
<u>ORANGES</u>		
0-1	Orange Acreage: Bearing Acreage by State and United States, Seasons 1935-36 through 1966-67 . . .	6
0-2	Orange Production: Total by State and United States, Seasons 1930-31 through 1966-67	7
0-3	Valencia Orange Production: Total by State, Seasons 1930-31 through 1966-67	9
0-4	Navel and Other Orange Production: Total by State, Seasons 1930-31 through 1966-67	10
0-5	Fresh Orange Sales: Total by Variety and State, Seasons 1930-31 through 1966-67	11
0-6	Oranges Processed: Total by Variety and State, Seasons 1930-31 through 1966-67	14
0-7	Arizona-California Valencia Orange Acreage: Harvested Acreage by Producing Area, Seasons 1954-55 through 1966-67	15
0-8	Arizona-California Navel Orange Acreage: Harvested Acreage by Producing Area, Seasons 1954-55 through 1966-67	15
0-9	Arizona-California Valencia Orange Production: Total by Producing Area, Seasons 1954-55 through 1966-67	16
0-10	Arizona-California Navel Orange Production: Total by Producing Area, Seasons 1954-55 through 1966-67	16
0-11	Arizona-California Fresh Valencia Orange Sales: Total by Producing Area, Seasons 1954-55 through 1966-67	17
0-12	Arizona-California Fresh Navel Orange Sales: Total by Producing Area, Seasons 1954-55 through 1966-67	17
0-13	Arizona-California Valencia Oranges Processed: Total by Producing Area, Seasons 1954-55 through 1966-67	18

<u>Table No.</u>		<u>Page</u>
0-14	Arizona-California Navel Oranges Processed: Total by Producing Area, Seasons 1954-55 through 1966-67	18
0-15	Arizona-California Valencia Orange Exports: Total by Producing Area, Seasons 1954-55 through 1966-67	19
0-16	Arizona-California Navel Orange Exports: Total by Producing Area, Seasons 1954-55 through 1966-67	19
0-17	Arizona-California Orange Shipments: Percent by Rail and by Truck, Years 1956 through 1966 . . .	20
0-18	Arizona-California Valencia Orange Shipments: Monthly Shipments of Fresh Valencia Oranges, Seasons 1954-55 through 1966-67	21
0-19	Arizona-California Navel Orange Shipments: Monthly Shipments of Fresh Navel Oranges, Seasons 1954-55 through 1966-67	22
0-20	Fresh Orange Shipments: Carlot Unloads in Twenty U. S. Cities, by Producing State, Years 1957, 1962, and 1965	23
0-21	Orange Prices: Equivalent on Tree Returns Per Packed Box, by Variety and State, Seasons 1940-41 through 1966-67	24
0-22	Fresh Orange Prices: Equivalent on Tree Returns Per Packed Box, by Variety and State, Seasons 1940-41 through 1966-67	27
0-23	Fresh Orange Prices: Equivalent Packinghouse Door Returns Per Packed Box, by Variety and State, Seasons 1940-41 through 1966-67	28
0-24	Fresh Orange Prices: Equivalent F.O.B. Returns Per Packed Box, by Variety and State, Seasons 1940-41 through 1966-67	29
0-25	Processed Orange Prices: Equivalent on Tree Returns Per Packed Box, by Variety and State, Seasons 1940-41 through 1966-67	30

GRAPEFRUIT

G-1	Grapefruit Acreage: Bearing Acreage by State and United States, Seasons 1930-31 through 1966-67	31
G-2	Grapefruit Production: Total by State, Arizona-California Desert, and United States, Seasons 1930-31 through 1966-67	32
G-3	Fresh Grapefruit Sales: Total by State, Arizona-California Desert, and United States, Seasons 1930-31 through 1966-67	34
G-4	Grapefruit Processed: Total by State, Arizona-California Desert, and United States, Seasons 1930-31 through 1966-67	36
G-5	Desert Grapefruit Production: Total by Producing Area, Seasons 1941-42 through 1966-67	37
G-6	Desert Fresh Grapefruit Sales: Total by Producing Area, Seasons 1941-42 through 1966-67	38
G-7	Desert Grapefruit Processed: Total by Producing Area, Seasons 1941-42 through 1966-67	39
G-8	Desert Grapefruit Exports: Total by Producing Area, Seasons 1941-42 through 1966-67	40
G-9	Grapefruit Shipments: Percent by Rail and by Truck, Arizona and California, Years 1956 through 1966	41
G-10	Desert Grapefruit Shipments: Monthly and Total Shipments of Fresh Grapefruit, Seasons 1943-44 through 1966-67	42
G-11	Desert Grapefruit Shipments: Destination of Fresh Shipments by State, Seasons 1956-57 through 1966-67	43
G-12	Fresh Grapefruit Shipments: Carlot Unloads in Twenty U. S. Cities, by Producing State, Years 1957, 1962, and 1965	44
G-13	Grapefruit Prices: Equivalent on Tree Returns Per Packed Box, by State, Seasons 1930-31 through 1966-67	45

<u>Table No.</u>		<u>Page</u>
G-14	Fresh Grapefruit Prices: Equivalent on Tree Returns Per Packed Box, by State, Seasons 1930-31 through 1966-67	47
G-15	Fresh Grapefruit Prices: Equivalent Packing- house Door Returns Per Packed Box, by State, Seasons 1930-31 through 1966-67	48
G-16	Fresh Grapefruit Prices: Equivalent F.O.B. Returns Per Packed Box, by State, Seasons 1930-31 through 1966-67	49
G-17	Processed Grapefruit Prices: Equivalent on Tree Returns Per Packed Box, by State, Seasons 1930-31 through 1966-67	50
<u>LEMONS</u>		
L-1	Lemon Acreage: Bearing Acreage by State and United States, Seasons 1940-41 through 1965-66 . .	51
L-2	Lemon Production: Total by State and United States, Seasons 1940-41 through 1966-67	52
L-3	Fresh Lemon Sales: Total by State and United States, Seasons 1940-41 through 1966-67	54
L-4	Lemon Processed: Total by State and United States, Seasons 1940-41 through 1966-67	56
L-5	Lemon Acreage: Bearing Acreage by Producing Area, Seasons 1951-52 through 1966-67	57
L-6	Lemon Acreage: Nonbearing Acreage by Producing Area, Seasons 1951-52 through 1966-67	58
L-7	Lemon Production: Total by Producing Area, Seasons 1954-55 through 1966-67	59
L-8	Fresh Lemon Sales: Total by Producing Area, Seasons 1954-55 through 1966-67	59
L-9	Lemons Processed: Total by Producing Area, Seasons 1954-55 through 1966-67	60
L-10	Lemon Exports: Total by Producing Area, Seasons 1954-55 through 1966-67	60

<u>Table No.</u>		<u>Page</u>
L-11	Lemon Shipments: Percent by Rail and by Truck, Arizona and California, Years 1956 through 1966 . . .	61
L-12	Fresh Lemon Shipments: Carlot Unloads in Twenty U. S. Cities, by Producing State, Years 1957, 1962, and 1965	62
L-13	Arizona Lemon Prices: F.O.B., Packinghouse Door, and Equivalent on Tree Returns Per Packed Box, Seasons 1958-59 through 1966-67	63
L-14	California Lemon Prices: F.O.B., Packinghouse Door and Equivalent on Tree Returns Per Packed Box, Seasons 1954-55 through 1966-67	63

CONSUMPTION

M-1	Per Capita Consumption: Fresh Citrus Fruit, United States, Years 1930 through 1965	65
M-2	Per Capita Consumption: Canned, Chilled, and Frozen Citrus Juices, United States, Years 1940 through 1965	67

LIST OF FIGURES

<u>Figure No.</u>		<u>Page</u>
1	Citrus Production Districts in Arizona and California	2
2	Total Orange Production by States and United States, 1940-41 through 1966-67	8
3	Percent of Total Valencia Orange Production Sold Fresh, by States, 1940-41 through 1966-67	12
4	Percent of Total Navel Orange Production Sold Fresh, by States, 1940-41 through 1966-67	13
5	On Tree Returns per Packed Box of Valencia Oranges, by States, 1940-41 through 1966-67	25
6	On Tree Returns per Packed Box of Navel Oranges for Selected States, 1940-41 through 1966-67	26
7	Grapefruit Production by States and United States, 1935-36 through 1966-67	33
8	Percent of Total Grapefruit Production Sold Fresh, by States, 1940-41 through 1966-67	35
9	On Tree Returns per Packed Box of Grapefruit, by States, 1940-41 through 1966-67	46
10	Lemon Production by States and United States, 1940-41 through 1966-67	53
11	Percent of Total Lemon Production Sold Fresh, by States, 1940-41 through 1966-67	55
12	On Tree Returns per Packed Box of Lemons, by States, 1954-55 through 1966-67	64
13	Per Capita Consumption of Fresh Oranges, Grapefruit, Lemons, and Tangerines, United States, 1940-1965	66
14	Per Capital Consumption of Canned Orange and Grapefruit Juice, and Frozen Orange Juice, United States, 1940-1965	68

INTRODUCTION

This report has been prepared in response to requests by spokesmen of the Arizona citrus industry and by researchers and educators concerned with the production and marketing of Arizona citrus. It is designed as a statistical handbook and contains data from several sources not heretofore assembled in one publication.

The tables and figures in this report contain most of the important historical data on acreage, production, utilization, shipments and prices for oranges, grapefruit and lemons. Although the emphasis is on the Arizona citrus industry, data for competing areas and states have been included. Consequently, it is possible to observe trends both within a particular area and between competing areas. However, no attempt at interpretation of the observed trends and changes is made in this report. The various citrus producing areas in Arizona and California are shown in Figure 1. These areas correspond with the producing area designations in some of the tables.

Because the agencies providing the data use different definitions and estimating procedures for similar categories of information, some variation may exist between tables. Furthermore, citrus data are generally reported in terms of boxes -- price per box, boxes of production, etc. However, the net weight of the "standard box" varies between states and also within a particular state at different points in time. In order to adjust for these differences, all the data, except for the carlot unload figures, have been converted to standard box weights commonly used for Arizona: Oranges, 75 pounds; grapefruit, 64 pounds; and lemons, 76 pounds.



Figure 1. Citrus Production Districts in Arizona and California

The major price categories used in this report include equivalent on-tree returns, packinghouse door, and free-on-board (f.o.b.). The latter two categories relate only to that portion of the crop sold in fresh form. Three estimates of on-tree price are presented: (1) for all forms of sale; (2) for that portion of the crop sold for fresh use; and (3) for that portion of the crop sold for processing.

The three major price categories are related as follows: f.o.b. price minus packinghouse charges (grading, packaging, advertising, etc.) equals packinghouse door price; packinghouse door price minus picking and hauling charges equals equivalent on-tree returns. By using the data relating to fresh product prices, it is possible to estimate annual packinghouse charges and picking and hauling charges. For example, in 1965-66 the f.o.b., packinghouse door, and equivalent on-tree prices per 75-pound box for fresh Arizona Valencia oranges were \$4.45, \$2.65, and \$2.10 respectively (Tables 0-24, 0-23, 0-22). On the basis of the above relationships, packinghouse charges averaged \$1.80 per box and picking and hauling charges were \$0.55 per box.

Nearly all of the data presented in this report is on a crop season basis. The Statistical Reporting Service of the U. S. Department of Agriculture defines citrus crop seasons in terms of the time of bloom. Orange and grapefruit trees generally bloom in late winter and early spring, and the fruit is picked 8 to 18 months after blooming. Thus, the 1965-66 crop season represents fruit harvested from the bloom occurring early in calendar year 1965. The crop year for lemons is considered to be from November 1 to October 31. These dates were arbitrarily chosen because Southern California lemons, which make up the major

part of the nation's lemon production, are harvested in all months of the year. The Orange, Grapefruit, and Lemon Administrative Committees functioning in Arizona and California use crop season definitions similar to those of the Statistical Reporting Service.

The marketing seasons associated with the citrus crop seasons vary according to variety and location. Normal marketing seasons for the varieties and producing areas included in this report are as follows:

Oranges:

Arizona--Valencia, January 20 to June 30; Navel, November 1 to March 10;
California--Valencia, March 15 to December 15; Navel, November 5 to June 20;
Florida--Valencia, February 1 to July 5; Early and midseason varieties, September 15 to April 1;
Texas--All varieties, September 25 to May 15;
Alabama, Louisiana and Mississippi--All varieties, October 20 to March 1.

Grapefruit:

Arizona--November 1 to July 31;
California--Winter (Desert Valleys), November 15 to July 15;
Summer (other areas), March 20 to October 31;
Florida--September 5 to June 10;
Texas--September 25 to May 30.

Lemons:

Central California--November 5 to May 10;
Southern California--November 1 to October 31;
Arizona and California Desert--September 15 to March 1.

More detailed information concerning the data presented may be obtained by writing:

Department of Agricultural Economics
The University of Arizona
Tucson, Arizona 85721

To meet the continuing need for basic information about the citrus industry, annual supplements to this report are planned. The annual supplements will contain the most recent data corresponding to the tables and figures in this report, as well as any new categories of information available. For example, information on Arizona tangerine production and utilization is now being collected and will be included in a forthcoming supplement.

TABLE 0-1. ORANGE ACREAGE: BEARING ACREAGE BY STATE AND UNITED STATES,
SEASONS 1935-36 THROUGH 1966-67.

Season	Arizona	California	Florida	Texas	Other States ^{1/}	United States
(Thousand Acres)						
1935-36	5.5	213.0	195.7	21.4	7.1	442.7
1936-37	6.3	217.8	202.4	22.0	7.3	455.8
1937-38	6.3	222.1	208.5	23.1	7.5	467.5
1938-39	7.0	226.6	213.5	24.0	7.9	479.0
1939-40	7.3	228.7	216.2	24.2	8.3	484.7
1940-41	7.3	230.6	226.0	24.7	8.0	496.6
1941-42	7.3	230.4	236.0	25.4	4.8	503.9
1942-43	7.3	232.2	246.3	26.3	4.6	516.7
1943-44	7.3	234.3	251.3	27.2	4.5	524.6
1944-45	7.3	234.6	256.3	28.4	4.5	531.1
1945-46	7.3	235.2	264.9	30.3	4.3	542.0
1946-47	7.3	234.0	270.0	32.9	4.1	548.3
1947-48	7.8	228.6	280.5	35.5	3.9	556.3
1948-49	8.3	222.7	289.9	40.5	3.8	565.2
1949-50	8.4	215.1	300.9	28.0	4.5	556.9
1950-51	8.5	211.6	309.5	28.0	4.5	562.1
1951-52	8.3	207.7	324.8	17.7	4.5	563.0
1952-53	7.5	200.8	337.4	17.2	4.5	567.4
1953-54	7.1	192.2	348.3	16.7	4.5	568.8
1954-55	6.9	183.2	368.7	24.1	4.5	587.4
1955-56	6.8	180.0	382.3	26.0	4.5	599.6
1956-57	6.8	151.9	393.6	27.0	4.5	583.8
1957-58	6.7	148.6	374.7	28.0	4.5	560.3
1958-59	6.6	145.0	373.9	30.0	4.5	560.0
1959-60	7.4	138.7	391.6	31.9	4.5	574.1
1960-61	7.7	136.5	397.8	<u>2/</u>	<u>2/</u>	<u>2/</u>
1961-62	8.7	131.6	429.8	<u>2/</u>	<u>2/</u>	<u>2/</u>
1962-63	9.8	127.8	387.0	<u>2/</u>	<u>2/</u>	<u>2/</u>
1963-64	11.7	127.7	404.0	<u>2/</u>	<u>2/</u>	<u>2/</u>
1964-65	13.8	125.	451.0	<u>2/</u>	<u>2/</u>	<u>2/</u>
1965-66	14.1	128.7	489.0	<u>2/</u>	<u>2/</u>	<u>2/</u>
1966-67	16.4	130.4	540.0	<u>2/</u>	<u>2/</u>	<u>2/</u>

^{1/} Includes acreage in Alabama, Louisiana, and Mississippi.

^{2/} Not available.

Source: Florida Department of Agriculture, Florida Agricultural Statistics, Citrus Summary, Tallahassee, Florida (various annual issues).

TABLE 0-2. ORANGE PRODUCTION: TOTAL BY STATE AND UNITED STATES,
SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California	Florida	Texas	Other ^{1/}	United States
(Thousand Packed 75-Pound Boxes)						
1930-31	130	32,834	20,160	300	350	53,774
1931-32	135	32,347	14,640	624	455	48,201
1932-33	137	31,981	17,400	390	574	50,482
1933-34	145	26,543	19,080	516	300	46,584
1934-35	159	42,044	18,720	780	625	62,328
1935-36	224	30,622	19,080	932	296	51,154
1936-37	205	27,838	22,920	2,400	469	53,832
1937-38	327	42,853	28,680	1,728	457	74,045
1938-39	401	38,659	35,880	3,378	679	78,997
1939-40	555	41,463	30,720	2,832	434	76,004
1940-41	493	47,393	34,320	3,180	305	85,691
1941-42	678	53,546	32,640	3,420	238	90,522
1942-43	749	45,511	44,640	3,060	408	94,368
1943-44	1,129	53,347	55,440	4,260	288	114,464
1944-45	1,181	62,114	51,360	5,280	432	120,367
1945-46	1,242	45,184	59,760	5,760	396	112,342
1946-47	1,232	54,958	64,440	6,000	492	127,122
1947-48	801	47,052	70,080	6,240	360	124,533
1948-49	729	37,997	69,960	4,080	360	113,126
1949-50	1,011	42,976	70,200	2,112	444	116,743
1950-51	1,437	46,416	80,760	3,240	360	132,213
1951-52	749	39,434	94,320	360	60	134,923
1952-53	924	47,258	86,640	1,200	60	136,082
1953-54	1,201	33,264	109,560	1,080	120	145,225
1954-55	1,130	39,420	106,080	1,800	210	148,640
1955-56	1,150	38,370	109,200	1,920	234	150,874
1956-57	1,290	35,900	111,600	1,920	138	150,848
1957-58	1,250	23,200	99,000	2,400	246	126,096
1958-59	610	40,200	103,200	2,760	264	147,034
1959-60	1,500	30,800	109,800	3,240	312	145,652
1960-61	1,160	25,000	104,040	4,200	330	134,730
1961-62	1,440	20,500	136,080	2,760	306	161,086
1962-63	1,560	28,600	89,400	48	18	119,626
1963-64	2,200	31,700	69,960	288	18	104,166
1964-65	2,420	31,200	103,440	1,056	12	138,128
1965-66	2,420	36,500	120,480	1,560	<u>2/</u>	160,960
1966-67	3,910	37,300	173,400	3,360	<u>2/</u>	217,970

^{1/} Includes Alabama, Louisiana and Mississippi.

^{2/} Production too small to warrant quantitative estimate.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

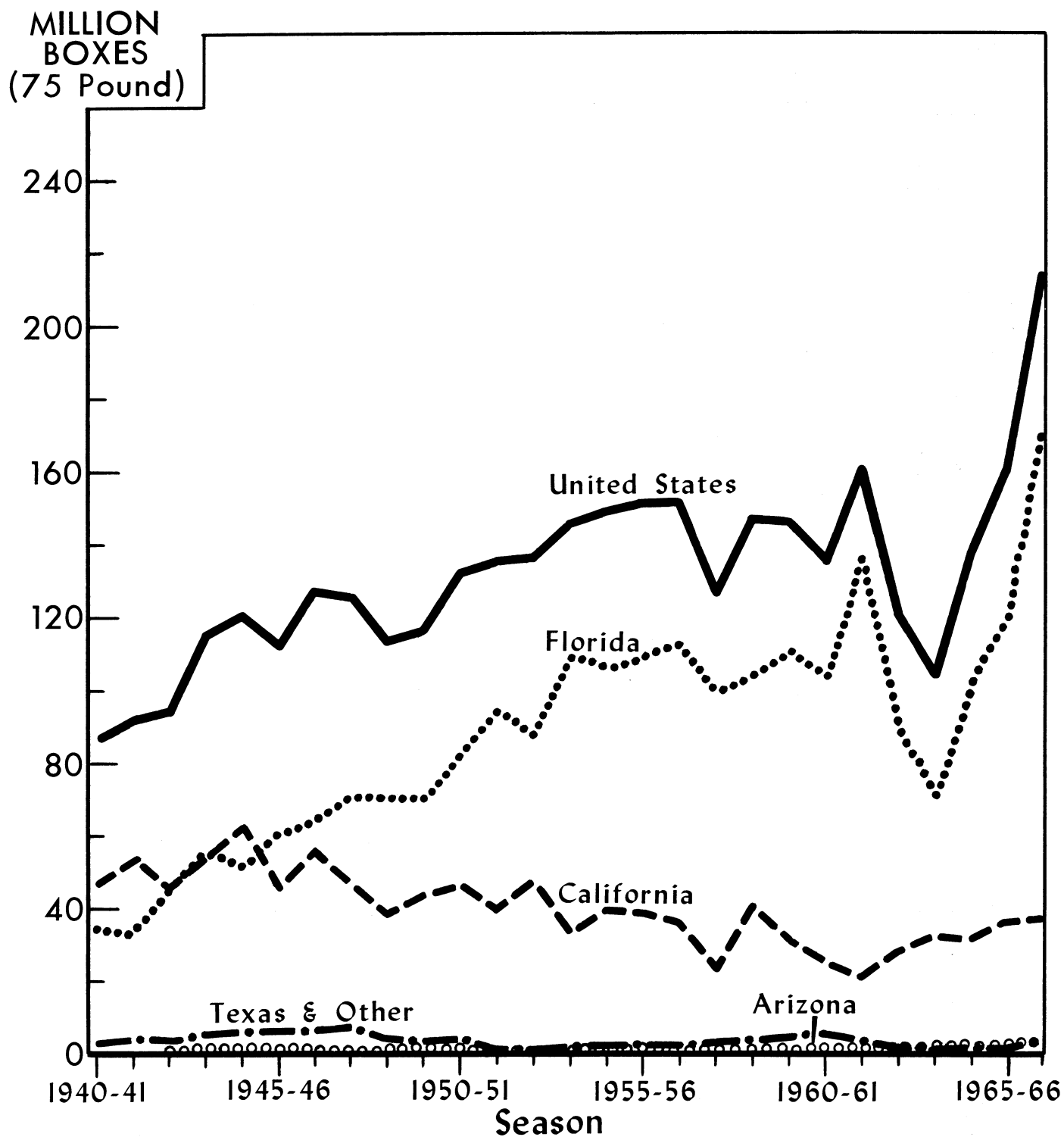


Figure 2. Total Orange Production by States and United States, 1940-41 Through 1966-67.

Source: Table 0-2.

TABLE 0-3. VALENCIA ORANGE PRODUCTION: TOTAL BY STATE, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California	Florida	Texas	Total ^{1/}
(Thousand Packed 75-Pound Boxes)					
1930-31	<u>2/</u>	17,122	<u>2/</u>	<u>2/</u>	<u>2/</u>
1931-32	<u>2/</u>	17,959	<u>2/</u>	<u>2/</u>	<u>2/</u>
1932-33	<u>2/</u>	18,036	<u>2/</u>	<u>2/</u>	<u>2/</u>
1933-34	<u>2/</u>	15,367	7,680	<u>2/</u>	<u>2/</u>
1934-35	68	24,320	5,880	312	30,580
1935-36	88	17,117	7,560	420	25,185
1936-37	68	15,487	8,880	1,128	25,563
1937-38	149	27,285	12,600	792	40,826
1938-39	224	21,887	15,300	1,722	39,133
1939-40	378	25,110	12,000	1,188	38,676
1940-41	287	29,141	14,880	1,260	45,568
1941-42	329	30,986	14,400	1,320	47,035
1942-43	400	30,890	21,720	1,140	54,150
1943-44	585	31,714	24,480	1,620	58,399
1944-45	616	39,424	25,320	2,160	67,520
1945-46	657	27,032	29,280	2,304	59,273
1946-47	616	34,763	27,840	2,220	65,439
1947-48	308	27,648	32,880	2,520	63,356
1948-49	267	25,769	31,560	960	58,556
1949-50	411	26,930	29,880	768	57,989
1950-51	770	31,416	36,600	1,080	69,866
1951-52	390	26,498	41,760	120	68,768
1952-53	513	30,184	35,880	360	66,937
1953-54	637	18,418	49,320	270	68,645
1954-55	620	24,090	43,680	480	68,870
1955-56	710	23,200	47,400	540	71,850
1956-57	790	20,500	46,440	480	68,210
1957-58	760	14,100	35,760	660	51,280
1958-59	340	23,300	46,680	780	71,100
1959-60	940	17,300	51,000	1,440	70,680
1960-61	720	16,000	42,840	1,800	61,360
1961-62	800	13,100	67,800	780	82,480
1962-63	920	16,200	34,800	18	51,938
1963-64	1,270	16,700	36,600	108	54,678
1964-65	1,750	16,000	47,760	372	65,882
1965-66	1,460	17,800	58,680	504	78,444
1966-67	3,050	19,900	79,560	1,320	103,830

^{1/} Does not include Alabama, Louisiana, or Mississippi.

^{2/} Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

TABLE O-4. NAVEL AND OTHER ORANGE PRODUCTION: TOTAL BY STATE, SEASONS
1930-31 THROUGH 1966-67.

Season	Arizona ^{1/}	California ^{1/}	Florida ^{2/}	Texas ^{2/}	Total ^{3/}
(Thousand Packed 75-Pound Boxes)					
1930-31	<u>4/</u>	15,712	<u>4/</u>	<u>4/</u>	<u>4/</u>
1931-32	<u>4/</u>	14,388	<u>4/</u>	<u>4/</u>	<u>4/</u>
1932-33	<u>4/</u>	13,945	<u>4/</u>	<u>4/</u>	<u>4/</u>
1933-34	<u>4/</u>	11,176	11,400	<u>4/</u>	<u>4/</u>
1934-35	91	17,724	12,840	468	31,123
1935-36	136	13,504	11,520	512	25,672
1936-37	137	12,352	14,040	1,272	27,801
1937-38	177	15,568	16,080	936	32,761
1938-39	177	16,772	20,580	1,656	39,185
1939-40	177	16,353	18,720	1,644	36,894
1940-41	205	18,251	19,440	1,920	39,816
1941-42	349	22,560	18,240	2,100	43,249
1942-43	349	14,621	22,920	1,920	39,810
1943-44	544	21,633	30,960	2,640	55,777
1944-45	565	22,689	26,040	3,120	52,414
1945-46	585	18,152	30,480	3,456	52,673
1946-47	616	20,195	36,600	3,780	61,191
1947-48	493	19,404	37,200	3,720	60,817
1948-49	462	12,228	38,400	3,120	54,210
1949-50	601	16,047	40,320	1,344	58,312
1950-51	667	15,000	44,160	2,160	61,987
1951-52	359	12,936	52,560	240	66,095
1952-53	411	17,074	50,760	840	69,085
1953-54	565	14,846	60,240	810	76,461
1954-55	510	15,330	62,400	1,320	79,560
1955-56	440	15,170	61,800	1,380	78,790
1956-57	500	15,400	65,160	1,440	82,500
1957-58	490	9,100	63,240	1,740	74,570
1958-59	270	16,900	56,520	1,980	75,670
1959-60	560	13,500	58,800	1,800	74,660
1960-61	440	9,000	61,200	2,400	73,040
1961-62	640	7,400	68,280	1,980	78,300
1962-63	640	12,400	54,600	30	67,670
1963-64	930	15,000	33,360	180	49,470
1964-65	670	15,200	55,680	684	72,234
1965-66	960	18,700	61,800	1,056	82,516
1966-67	860	17,400	93,840	2,040	114,140

^{1/} Primarily Navels, plus small quantities of other oranges; also includes tangerines prior to the 1964-65 season in Arizona and prior to 1961-62 in California.

^{2/} Early and midseason varieties: Florida production excludes tangerines; Texas production includes small quantities of tangerines.

^{3/} Does not include Alabama, Louisiana, or Mississippi.

^{4/} Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

TABLE 0-5. FRESH ORANGE SALES: TOTAL BY VARIETY AND STATE, SEASONS
1930-31 THROUGH 1966-67.

Season	Valencia			Navel and Other ^{1/}			All Varieties ^{2/}
	Arizona	Calif.	Florida	Arizona	Calif.	Florida	Texas
(Thousand Packed 75-Pound Boxes)							
1930-31	<u>3/</u>	15,881	<u>3/</u>	<u>3/</u>	14,863	<u>3/</u>	278
1931-32	<u>3/</u>	16,227	<u>3/</u>	<u>3/</u>	13,598	<u>3/</u>	593
1932-33	<u>3/</u>	15,773	<u>3/</u>	<u>3/</u>	13,560	<u>3/</u>	368
1933-34	<u>3/</u>	14,026	<u>3/</u>	<u>3/</u>	10,622	<u>3/</u>	492
1934-35	60	20,750	5,610	85	16,347	12,562	722
1935-36	81	15,521	7,338	131	12,708	11,269	872
1936-37	28	10,653	8,429	133	10,431	13,570	2,324
1937-38	143	22,595	11,641	170	14,549	15,396	1,620
1938-39	214	17,220	14,010	171	13,949	20,069	3,286
1939-40	365	21,918	7,912	173	15,437	17,384	2,730
1940-41	259	23,910	12,185	199	16,618	17,062	3,089
1941-42	313	25,535	11,911	340	19,659	15,392	3,326
1942-43	332	24,854	17,842	328	12,122	18,821	2,976
1943-44	510	27,741	17,064	484	18,700	24,803	4,138
1944-45	587	30,348	14,707	503	19,885	19,116	5,114
1945-46	590	20,921	16,614	518	16,061	19,722	5,250
1946-47	497	25,219	15,845	522	17,972	23,232	5,528
1947-48	191	20,017	15,199	402	16,371	17,896	5,797
1948-49	113	14,750	17,502	371	9,339	19,756	3,517
1949-50	49	14,943	12,751	362	13,350	15,320	1,830
1950-51	626	18,406	12,547	573	13,498	17,375	1,926
1951-52	325	17,346	16,382	332	10,614	20,389	324
1952-53	418	20,195	12,764	352	15,179	18,254	900
1953-54	479	13,375	15,940	436	12,264	17,476	1,014
1954-55	400	15,000	13,004	425	12,816	19,584	1,476
1955-56	598	14,330	13,279	416	13,070	17,400	1,548
1956-57	702	13,150	12,158	469	13,280	16,781	1,428
1957-58	696	10,978	7,337	461	8,485	14,392	2,088
1958-59	300	14,600	7,516	256	14,530	12,689	2,159
1959-60	750	10,980	10,822	461	11,550	14,096	2,537
1960-61	620	10,880	7,631	390	8,250	12,493	3,060
1961-62	577	8,630	11,250	550	6,460	13,848	1,480
1962-63	456	9,190	4,070	530	8,800	9,946	30
1963-64	966	9,800	6,538	684	12,350	8,852	240
1964-65	1,148	10,960	7,752	553	13,510	11,573	952
1965-66	891	10,950	7,024	762	14,090	13,463	1,336
1966-67	1,674	12,380	8,946	641	14,540	15,148	2,148

^{1/} See footnotes one and two, Table 0-4.

^{2/} Variety breakdown unavailable for Texas.

^{3/} Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

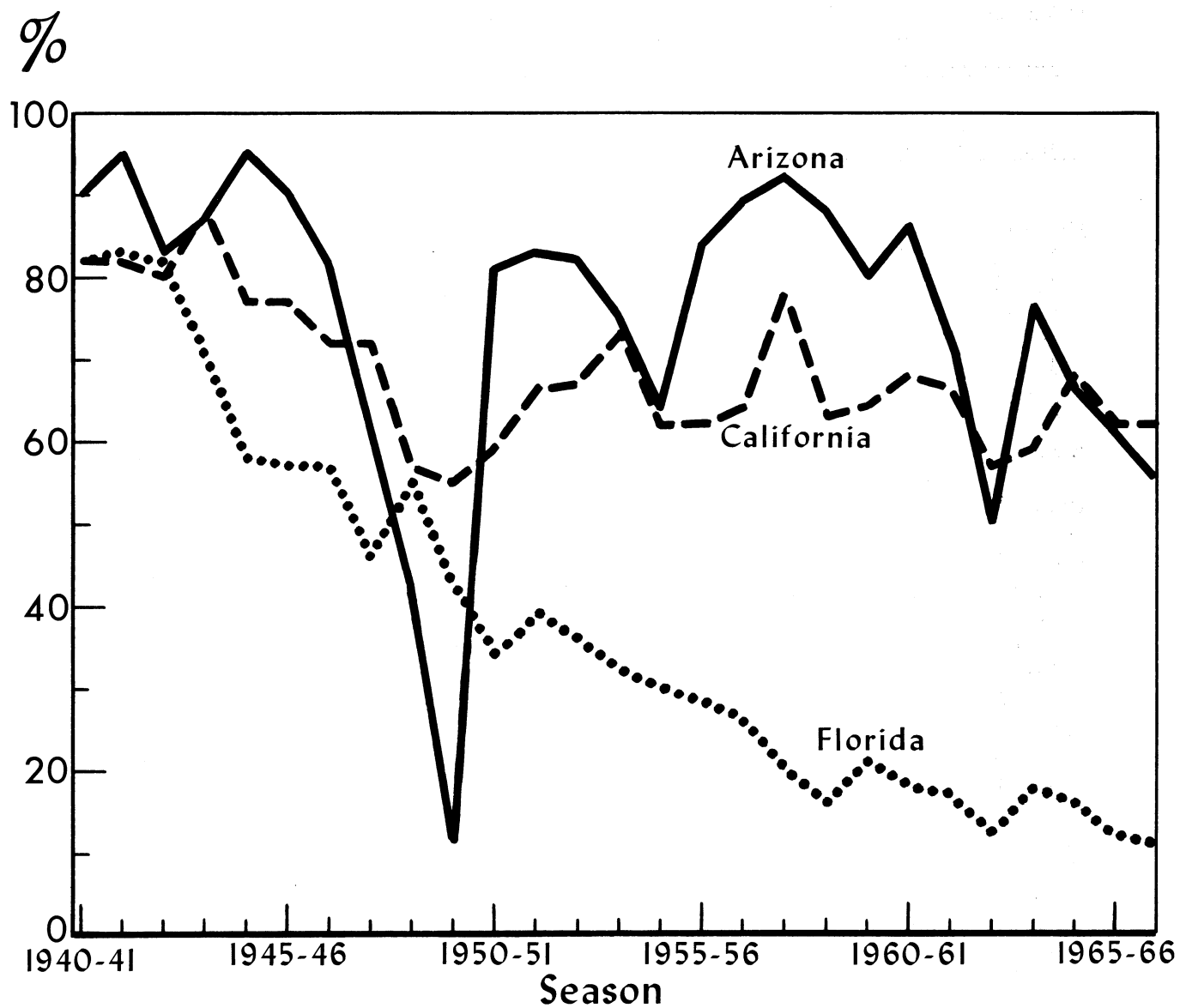


Figure 3. Percent of Total Valencia Orange Production Sold Fresh, by States, 1940-41 Through 1966-67.

Source: Tables 0-3 and 0-5.

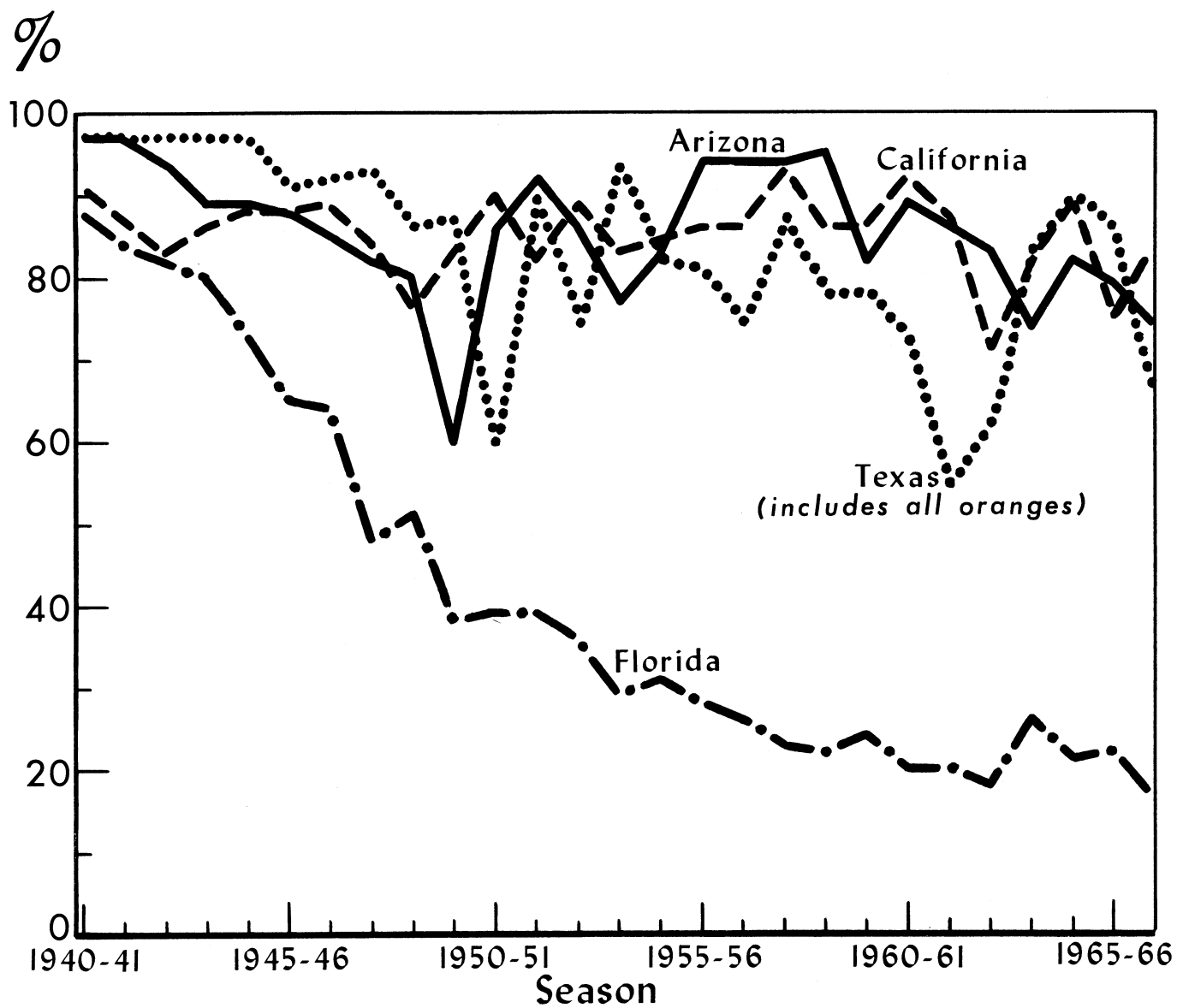


Figure 4. Percent of Total Navel Orange Production Sold Fresh, by States, 1940-41 Through 1966-67.

Source: Tables 0-4 and 0-5.

TABLE 0-6. ORANGES PROCESSED: TOTAL BY VARIETY AND STATE, SEASONS
1930-31 THROUGH 1966-67.

Season	Valencia			Navel and other ^{1/}			All Varieties ^{2/} Texas
	Arizona	Calif.	Florida	Arizona	Calif.	Florida	
(Thousand Packed 75-Pound Boxes)							
1930-31	3/	1,144	3/	3/	755	3/	4/
1931-32	3/	1,631	3/	3/	698	3/	4/
1932-33	3/	2,161	3/	3/	291	3/	4/
1933-34	3/	704	3/	3/	82	3/	4/
1934-35	3	2,794	198	4/	648	120	4/
1935-36	1	1,157	136	4/	455	120	4/
1936-37	36	4,234	349	4/	1,364	311	5
1937-38	1	3,747	815	1	626	516	40
1938-39	2	3,457	1,133	4/	1,075	288	19
1939-40	6	2,308	3,968	4/	429	1,156	35
1940-41	21	4,574	2,575	1	840	2,234	18
1941-42	8	4,904	2,396	3	2,427	2,729	23
1942-43	62	5,570	3,770	15	2,056	3,956	16
1943-44	67	3,440	7,266	52	2,376	5,947	52
1944-45	21	7,830	10,445	54	2,148	6,768	88
1945-46	59	5,573	12,486	60	1,640	10,578	432
1946-47	112	8,949	11,815	87	1,615	12,048	388
1947-48	110	7,055	17,471	77	2,388	19,034	359
1948-49	147	10,489	13,848	84	2,276	18,374	479
1949-50	354	11,571	16,919	231	1,957	24,730	198
1950-51	131	12,578	23,813	84	1,081	26,485	1,230
1951-52	54	8,726	25,138	17	1,831	31,871	0
1952-53	85	9,548	22,876	48	1,643	32,206	240
1953-54	147	4,679	33,080	118	2,192	42,404	30
1954-55	210	8,730	30,376	75	2,071	42,456	270
1955-56	102	8,550	33,821	14	1,623	44,040	300
1956-57	78	7,060	33,922	21	1,720	47,959	420
1957-58	54	2,880	28,123	19	375	48,488	240
1958-59	30	8,390	38,804	6	2,080	43,411	529
1959-60	180	6,060	39,818	89	1,650	44,266	619
1960-61	90	4,850	34,849	40	510	48,239	1,056
1961-62	213	4,240	56,130	80	700	53,922	1,238
1962-63	454	6,810	30,430	100	3,270	44,264	0
1963-64	294	6,500	29,702	236	2,300	24,100	34
1964-65	592	4,740	39,588	107	1,290	43,639	90
1965-66	559	6,550	51,236	188	4,110	47,797	182
1966-67	1,361	7,220	70,194	219	2,360	78,152	1,044

^{1/} See footnotes one and two, Table 0-4.

^{2/} Variety breakdown unavailable for Texas.

^{3/} Data not available.

^{4/} Less than 500 packed boxes.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

TABLE 0-7. ARIZONA-CALIFORNIA VALENCIA ORANGE ACREAGE: HARVESTED ACREAGE BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Total
(Acres)				
1954-55	3,502	11,428	92,495	107,425
1955-56	3,572	11,409	84,128	99,109
1956-57	3,518	11,456	79,080	94,054
1957-58	3,644	11,543	75,123	90,310
1958-59	3,622	11,920	73,202	88,744
1959-60	4,781	12,150	70,316	87,247
1960-61	5,721	12,556	65,239	83,516
1961-62	6,633	13,734	61,807	82,174
1962-63	7,368	14,713	55,051	77,132
1963-64	10,195	18,547	56,357	85,099
1964-65	12,450	21,692	55,200	89,342
1965-66	13,300	25,204	54,369	92,873
1966-67	17,266	27,420	56,423	101,109

Source: Valencia Orange Administrative Committee, Annual Report, 1966-67 Season, Los Angeles, California, January 19, 1967, p. 10.

TABLE 0-8. ARIZONA-CALIFORNIA NAVEL ORANGE ACREAGE: HARVESTED ACREAGE BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Edison	Total
(Acres)					
1954-55	2,141	28,148	38,543	668	69,500
1955-56	2,076	28,179	34,781	650	65,686
1956-57	2,172	28,784	32,904	656	64,516
1957-58	2,215	28,971	30,226	640	62,052
1958-59	2,200	30,381	30,351	653	63,585
1959-60	2,807	32,081	29,797	667	65,352
1960-61	2,895	33,062	28,464	680	65,101
1961-62	3,119	35,380	27,664	654	66,817
1962-63	3,271	37,402	26,610	748	68,031
1963-64	3,609	39,793	26,136	937	70,475
1964-65	3,908	44,651	25,309	1,451	75,319
1965-66	3,874	50,150	24,519	1,784	80,327
1966-67	3,870	54,611	25,159	2,093	85,733

Source: Navel Orange Administrative Committee, Annual Report, 1966-67 Season, Los Angeles, California, July 18, 1967, p. 14.

TABLE 0-9. ARIZONA-CALIFORNIA VALENCIA ORANGE PRODUCTION: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Total
(Thousand Packed 75-Pound Boxes)				
1954-55	651	2,974	21,605	25,230
1955-56	755	2,748	20,877	24,380
1956-57	817	3,441	17,411	21,669
1957-58	822	2,632	11,620	15,074
1958-59	337	3,662	19,520	23,519
1959-60	1,009	2,750	14,482	18,241
1960-61	751	1,679	14,214	16,644
1961-62	848	1,816	11,146	13,810
1962-63	954	2,513	13,578	17,045
1963-64	1,371	4,115	12,266	17,752
1964-65	1,842	3,986	11,820	17,648
1965-66	1,560	6,512	11,208	19,280
1966-67	3,137	5,193	14,667	22,997

Source: Valencia Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-10. ARIZONA-CALIFORNIA NAVEL ORANGE PRODUCTION: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Edison	Total
(Thousand Packed 75-Pound Boxes)					
1954-55	287	7,540	7,808	114	15,749
1955-56	267	6,858	8,194	103	15,422
1956-57	257	7,405	7,937	113	15,712
1957-58	283	6,028	2,807	107	9,225
1958-59	127	9,646	6,576	150	16,499
1959-60	302	7,789	5,026	144	13,261
1960-61	245	4,314	4,378	20	8,957
1961-62	374	2,926	4,333	16	7,649
1962-63	397	7,270	4,735	115	12,517
1963-64	585	9,216	5,442	138	15,381
1964-65	422	9,782	4,948	111	15,263
1965-66	634	13,951	4,317	290	19,192
1966-67	508	11,522	5,296	302	17,628

Source: Navel Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-11. ARIZONA-CALIFORNIA FRESH VALENCIA ORANGE SALES: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67^{1/}

Season	Arizona & California Desert	Central California	Southern California	Total
(Thousand Packed 75-Pound Boxes)				
1954-55	413	2,476	12,878	15,767
1955-56	635	2,251	12,397	15,283
1956-57	732	2,784	10,654	14,170
1957-58	763	2,367	8,801	11,931
1958-59	294	2,799	11,770	14,863
1959-60	812	2,389	8,578	11,779
1960-61	656	1,337	9,494	11,487
1961-62	620	942	7,625	9,187
1962-63	482	1,017	8,133	9,632
1963-64	1,049	3,248	6,401	10,698
1964-65	1,219	2,954	7,945	12,118
1965-66	968	4,548	6,332	11,848
1966-67	1,775	3,801	8,183	13,759

^{1/} Sales by area include intrastate, interstate, and export shipments.

Source: Valencia Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-12. ARIZONA-CALIFORNIA FRESH NAVEL ORANGE SALES: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67^{1/}

Season	Arizona & California Desert	Central California	Southern California	Edison	Total
(Thousand Packed 75-Pound Boxes)					
1954-55	278	6,772	6,104	111	13,265
1955-56	254	6,048	6,967	98	13,367
1956-57	249	6,530	6,748	104	13,631
1957-58	268	5,750	2,569	102	8,689
1958-59	124	8,473	5,486	142	14,225
1959-60	283	7,067	3,925	129	11,404
1960-61	235	4,052	3,979	18	8,284
1961-62	360	2,746	3,682	14	6,802
1962-63	353	4,688	3,821	105	8,967
1963-64	525	8,060	4,076	127	12,788
1964-65	380	8,785	4,373	97	13,635
1965-66	554	10,586	3,189	231	14,560
1966-67	426	9,640	4,468	261	14,795

^{1/} Sales by area include intrastate, interstate, and export shipments.

Source: Navel Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-13. ARIZONA-CALIFORNIA VALENCIA ORANGES PROCESSED: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Total
(Thousand Packed 75-Pound Boxes)				
1954-55	16	7	8,505	8,528
1955-56	116	460	8,305	8,881
1956-57	81	623	6,610	7,314
1957-58	54	240	2,709	3,003
1958-59	41	838	7,578	8,457
1959-60	191	338	5,737	6,266
1960-61	90	325	4,513	4,928
1961-62	219	858	3,384	4,461
1962-63	467	1,484	5,309	7,260
1963-64	316	796	5,605	6,717
1964-65	618	989	3,727	5,334
1965-66	584	1,877	4,722	7,183
1966-67	1,350	1,321	6,322	8,993

Source: Valencia Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-14. ARIZONA-CALIFORNIA NAVEL ORANGES PROCESSED: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Edison	Total
(Thousand Packed 75-Pound Boxes)					
1954-55	3	521	1,597	2	2,123
1955-56	<u>1/</u>	521	1,142	1	1,664
1956-57	<u>2</u>	625	1,130	1	1,758
1957-58	9	160	214	1	384
1958-59	0	1,022	1,054	4	2,080
1959-60	12	591	1,041	6	1,650
1960-61	6	157	354	<u>1/</u>	517
1961-62	7	120	572	1	700
1962-63	35	2,400	871	2	3,308
1963-64	50	992	1,280	4	2,326
1964-65	36	771	499	6	1,312
1965-66	69	3,031	1,035	40	4,175
1966-67	72	1,561	750	26	2,409

1/ Less than 500 packed boxes.

Source: Navel Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-15. ARIZONA-CALIFORNIA VALENCIA ORANGE EXPORTS: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Total
(Thousand Packed 75-Pound Boxes)				
1954-55	18	781	2,025	2,824
1955-56	413	1,676	2,454	4,543
1956-57	312	992	1,748	3,052
1957-58	37	329	880	1,246
1958-59	8	725	1,629	2,362
1959-60	105	296	1,307	1,708
1960-61	58	139	1,993	2,190
1961-62	42	24	1,805	1,871
1962-63	16	11	1,756	1,783
1963-64	54	489	1,208	1,751
1964-65	122	550	1,674	2,346
1965-66	190	850	1,626	2,666
1966-67	336	1,014	2,068	3,418

Source: Valencia Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-16. ARIZONA-CALIFORNIA NAVAL ORANGE EXPORTS: TOTAL BY PRODUCING AREA, SEASONS 1954-55 THROUGH 1966-67.

Season	Arizona & California Desert	Central California	Southern California	Edison	Total
(Thousand Packed 75-Pound Boxes)					
1954-55	15	462	538	2	1,017
1955-56	13	215	405	3	636
1956-57	13	462	446	12	933
1957-58	15	190	84	4	293
1958-59	4	399	295	11	709
1959-60	4	419	153	8	584
1960-61	4	109	225	1	339
1961-62	10	35	178	1	224
1962-63	14	61	225	3	303
1963-64	14	159	369	9	551
1964-65	18	60	312	2	392
1965-66	27	350	403	9	789
1966-67	7	154	381	15	557

Source: Naval Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-17. ARIZONA-CALIFORNIA ORANGE SHIPMENTS: PERCENT BY RAIL AND BY TRUCK, YEARS 1956 THROUGH 1966.^{1/}

Year	Arizona			California		
	Rail	Truck	Total	Rail	Truck	Total
(Percent)						
1956	100	0	100	87	13	100
1957	58	42	100	70	30	100
1958	68	32	100	67	33	100
1959	52	48	100	70	30	100
1960	70	30	100	65	35	100
1961	56	44	100	63	37	100
1962	64	36	100	58	42	100
1963	57	43	100	60	40	100
1964	41	59	100	60	40	100
1965	59	41	100	59	41	100
1966	52	48	100	61	39	100

^{1/} Based on unloads of fresh oranges in 41 U. S. cities.

Sources: U. S. Department of Agriculture, Agricultural Marketing service, Carlot Unloads of Certain Fruits and Vegetables in 100 U. S. Cities and 5 Canadian Cities, Washington, D. C. (1957-63 issues); and U. S. Department of Agriculture, Consumer and Marketing Service, Fresh Fruit and Vegetable Unload Totals for 41 Cities, Washington, D. C. (1964-67 issues).

TABLE 0-18. ARIZONA-CALIFORNIA VALENCIA ORANGE SHIPMENTS: MONTHLY SHIPMENTS OF FRESH VALENCIA ORANGES, SEASONS 1954-55 THROUGH 1966-67.

Season ^{1/}	Month											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	(Thousand Packed 75-Pound Boxes)											
1954-55	0	8	49	497	1,343	1,857	2,491	1,773	2,512	1,442	743	99
1955-56	2/	39	100	202	779	2,094	1,514	2,063	1,816	1,496	634	2
1956-57	0	34	155	253	1,503	1,912	1,235	1,987	1,682	1,321	549	13
1957-58	4	126	361	1,576	1,849	1,452	1,360	1,525	1,286	1,080	65	0
1958-59	0	26	103	530	2,526	1,731	2,027	1,549	1,879	1,737	390	3
1959-60	0	32	266	1,448	1,763	1,206	1,463	1,142	1,525	992	226	10
1960-61	2	52	362	823	1,416	1,217	1,118	1,120	1,594	969	569	54
1961-62	0	108	213	672	1,132	1,043	818	1,084	1,037	800	392	12
1962-63	4	26	136	305	1,690	1,019	977	1,260	1,004	1,004	368	8
1963-64	6	83	152	1,050	2,356	1,150	1,292	919	958	860	122	2
1964-65	1	30	140	822	1,484	1,652	1,311	1,186	1,244	1,384	462	56
1965-66	0	24	132	475	1,976	1,530	1,114	1,099	1,548	868	349	16
1966-67	0	42	258	679	2,145	1,696	1,124	1,672	1,319	979	419	6

^{1/} Valencia season traditionally identified on a crop year basis, however, harvest and shipment occurs during the calendar year. For example, shipment of the 1954-55 crop took place from February through December of 1955.

^{2/} Less than 500 packed boxes.

Source: Valencia Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-19. ARIZONA-CALIFORNIA NAVEL ORANGE SHIPMENTS: MONTHLY SHIPMENTS OF FRESH NAVEL ORANGES, SEASONS 1954-55 THROUGH 1966-67.

Season	Month							
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
(Thousand Packed 75-Pound Boxes)								
1954-55	1,131	2,249	1,991	1,971	2,095	2,132	638	42
1955-56	130	1,808	1,723	1,962	3,040	2,260	1,589	216
1956-57	1,162	1,786	1,485	1,813	2,565	2,148	1,569	168
1957-58	719	2,088	2,069	1,650	1,324	526	21	0
1958-59	1,040	1,816	2,523	2,428	2,743	2,399	567	0
1959-60	1,268	2,074	2,572	2,178	1,909	802	16	0
1960-61	530	2,256	1,528	1,541	1,543	537	10	0
1961-62	300	1,772	1,289	1,108	1,595	514	1	0
1962-63	1,012	2,244	1,796	1,151	1,428	866	166	0
1963-64	1,050	2,468	2,794	2,503	2,270	1,042	109	0
1964-65	741	2,366	2,135	2,324	2,794	2,381	480	22
1965-66	474	2,594	2,137	2,702	2,617	2,816	430	0
1966-67	1,058	2,468	1,922	2,522	3,435	2,048	764	20

Source: Navel Orange Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE 0-20. FRESH ORANGE SHIPMENTS: CARLOT UNLOADS IN TWENTY U. S. CITIES, BY PRODUCING STATE, YEARS 1957, 1962, and 1965.^{1/}

Destination	Arizona			California			Florida			Texas		
	1957	1962	1965	1957	1962	1965	1957	1962	1965	1957	1962	1965
	(Carloads)											
Atlanta	0	5	0	37	52	57	956	849	813	5	0	7
Boston	14	40	57	1761	1122	1875	1146	956	614	0	0	0
Buffalo	6	3	0	502	208	357	347	250	231	0	0	0
Chicago	60	135	116	1776	1244	2083	1577	1252	1096	20	9	1
Cincinnati	1	3	4	341	171	282	509	376	330	3	2	0
Cleveland	18	25	16	848	465	744	714	646	447	0	0	0
Dallas	32	17	23	266	213	325	248	298	74	155	48	137
Denver	33	18	12	494	454	585	88	117	40	64	18	35
Detroit	39	71	117	1509	794	1325	667	670	263	2	4	0
Indianapolis	3	6	6	252	162	212	306	342	277	2	1	2
Kansas City	19	3	29	442	283	353	188	223	104	44	14	2
Los Angeles	71	80	214	4320	2969	3641	5	297	54	48	7	1
Minneapolis	6	23	27	801	399	594	132	100	54	31	4	0
New York	5	10	124	3978	2848	4485	5033	4415	1535	1	0	0
Philadelphia	16	9	35	1571	955	1576	2230	2423	1911	1	0	0
Pittsburgh	26	32	87	1321	620	917	709	617	138	0	0	0
Portland	13	4	0	548	407	695	39	24	2	1	1	2
Salt Lake City	11	5	2	423	244	383	13	26	2	2	1	3
San Francisco	11	22	6	1648	1137	2012	1	123	3	3	7	1
Seattle	12	6	11	321	534	870	51	104	6	0	0	0

^{1/} All orange varieties. Includes truck and rail shipments.

Sources: U. S. Department of Agriculture, Agricultural Marketing Service, Carlot Unloads of Certain Fruits and Vegetables in 100 U. S. and 5 Canadian Cities, Washington, D. C., April 1958 and March 1963; and U. S. Department of Agriculture, Consumer and Marketing Service, Fresh Fruit and Vegetable Unloads for 41 Cities, Washington, D.C., March 1966.

TABLE 0-21. ORANGE PRICES: EQUIVALENT ON TREE RETURNS PER PACKED BOX,
BY VARIETY AND STATE, SEASONS 1940-41 THROUGH 1966-67.

Season	Valencia			Navel and Other ^{1/}			All Varieties ^{2/}
	Arizona	California	Florida	Arizona	California	Florida	Texas
(Dollars per Packed 75-Pound Box)							
1940-41	1.15	1.48	.82	.90	1.02	.53	.72
1941-42	1.22	1.96	1.12	.78	.85	.75	.86
1942-43	2.38	2.80	1.68	2.20	2.26	1.22	1.62
1943-44	2.67	3.07	1.72	2.04	2.42	1.34	1.85
1944-45	2.98	2.38	2.04	2.24	2.60	1.65	1.91
1945-46	3.03	3.07	2.22	2.93	2.50	1.74	1.82
1946-47	2.00	1.12	.92	2.83	1.93	.70	1.38
1947-48	1.38	1.48	.50	1.06	1.32	.55	1.12
1948-49	1.55	1.32	1.80	2.78	2.03	.62	1.02
1949-50	.73	1.50	2.17	.93	1.85	1.50	1.77
1950-51	1.94	1.40	1.56	2.82	2.22	1.22	.90
1951-52	2.72	1.42	.77	2.99	2.32	.58	2.75
1952-53	1.63	1.28	1.26	2.16	1.58	.93	1.23
1953-54	1.92	2.53	1.21	2.51	2.03	.92	1.16
1954-55	1.74	1.93	1.43	2.04	2.14	.93	1.16
1955-56	2.48	2.30	1.70	3.76	2.64	1.42	1.31
1956-57	2.12	2.36	1.12	3.31	2.60	1.21	1.12
1957-58	5.54	4.18	2.64	4.19	4.36	1.30	1.23
1958-59	2.66	2.55	2.60	5.17	2.81	2.22	1.93
1959-60	2.73	3.33	1.72	3.49	3.26	1.56	1.49
1960-61	4.31	3.13	2.50	4.50	4.96	2.42	1.82
1961-62	3.66	3.05	1.51	5.34	5.43	1.62	1.36
1962-63	3.02	3.32	2.92	3.74	4.05	1.84	3.29
1963-64	3.26	3.79	3.71	3.37	3.20	3.69	2.99
1964-65	2.05	2.51	1.90	3.44	3.19	2.16	2.55
1965-66	1.71	2.53	1.49	2.15	2.18	1.22	1.64
1966-67	1.49	1.46	.57	3.17	2.44	.47	.72

^{1/} See footnotes one and two, Table 0-4.

^{2/} Variety breakdown unavailable for Texas.

Source: U. S. Department of Agriculture, Statistical Reporting Service,
Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits,
Tree Nuts, Washington, D. C. (various annual issues).

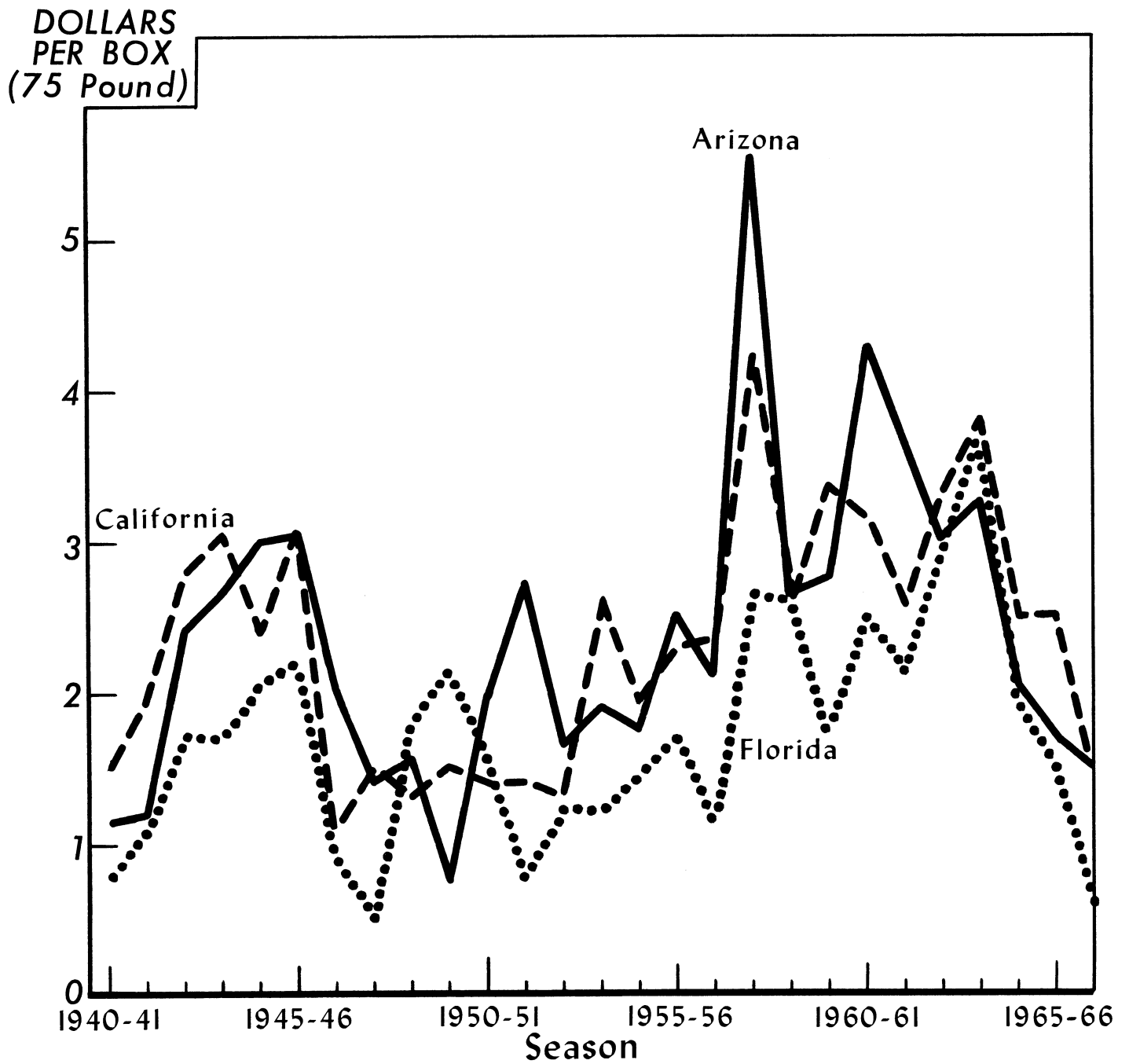


Figure 5. On Tree Returns per Packed Box of Valencia Oranges, by States, 1940-41 Through 1966-67.

Source: Table 0-21.

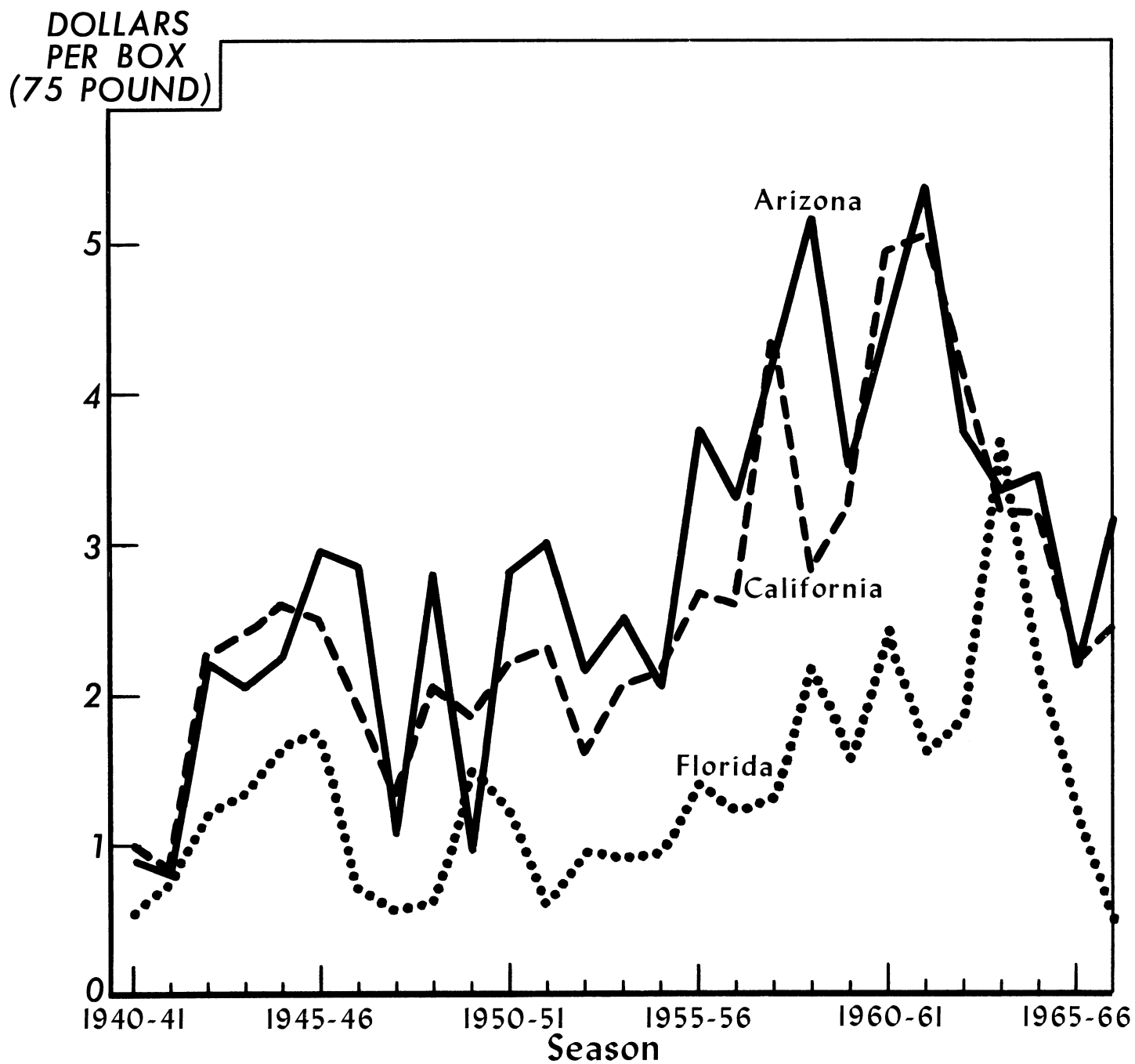


Figure 6. On Tree Returns per Packed Box of Navel Oranges for Selected States, 1940-41 to 1966-67.

Source: Table O-21.

TABLE 0-22. FRESH ORANGE PRICES: EQUIVALENT ON TREE RETURNS PER PACKED BOX, BY VARIETY AND STATE, SEASONS 1940-41 THROUGH 1966-67.

Season	Valencia			Navel and Other ^{1/}			All Varieties ^{2/}
	Arizona	California	Florida	Arizona	California	Florida	Texas
(Dollars per Packed 75-Pound Box)							
1940-41	1.19	1.66	.85	.90	1.05	.56	.72
1941-42	1.24	2.20	1.19	.78	.92	.78	.86
1942-43	2.51	3.00	1.74	2.23	2.44	1.29	1.62
1943-44	2.95	3.23	1.81	2.19	2.61	1.38	1.85
1944-45	3.06	2.74	2.04	2.42	2.77	1.72	1.91
1945-46	3.23	3.43	2.17	3.16	2.75	1.78	1.84
1946-47	2.37	1.47	1.18	3.21	2.11	.95	1.44
1947-48	2.09	1.89	.68	1.20	1.55	.59	1.17
1948-49	3.18	1.86	1.87	3.35	2.60	.65	1.10
1949-50	2.55	2.07	2.27	1.31	2.11	1.45	1.85
1950-51	2.18	2.08	1.67	3.20	2.37	1.32	1.15
1951-52	3.04	2.00	.81	3.13	2.78	.65	2.75
1952-53	1.85	1.55	1.28	2.41	1.72	.96	1.43
1953-54	2.29	3.13	1.31	3.08	2.39	1.02	1.17
1954-55	2.13	2.50	1.46	2.24	2.46	1.00	1.26
1955-56	2.68	3.05	1.73	3.85	2.96	1.41	1.37
1956-57	2.23	2.80	1.40	3.38	2.88	1.39	1.28
1957-58	5.77	4.71	2.47	4.28	4.53	1.26	1.32
1958-59	2.81	3.09	2.55	5.26	3.06	2.18	1.99
1959-60	3.18	4.28	1.70	4.01	3.67	1.67	1.60
1960-61	4.70	3.71	2.56	4.86	5.24	2.66	2.06
1961-62	4.50	3.74	1.44	5.94	5.92	1.92	1.71
1962-63	4.69	4.18	4.44	4.31	5.20	2.19	3.29
1963-64	3.55	4.36	3.62	3.95	3.56	3.82	3.05
1964-65	2.65	2.95	1.91	3.90	3.44	2.53	2.58
1965-66	2.10	3.32	1.69	2.55	2.80	1.34	1.72
1966-67	2.30	2.26	.59	4.05	2.90	.87	.92

^{1/} See footnotes one and two, Table 0-4.

^{2/} Variety breakdown unavailable for Texas.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE 0-23. FRESH ORANGE PRICES: EQUIVALENT PACKINGHOUSE DOOR RETURNS PER PACKED BOX, BY VARIETY AND STATE, SEASONS 1940-41 THROUGH 1966-67.

Season	Valencia			Navel and Other ^{1/}			All Varieties ^{2/}
	Arizona	California	Florida	Arizona	California	Florida	Texas
(Dollars per Packed 75-Pound Box)							
1940-41	1.34	1.82	.96	1.05	1.21	.67	.83
1941-42	1.39	2.40	1.32	.94	1.11	.92	.98
1942-43	2.76	3.26	1.94	2.47	2.71	1.49	1.75
1943-44	3.24	3.52	2.02	2.48	2.89	1.59	2.02
1944-45	3.32	3.04	2.26	2.68	3.07	1.94	1.98
1945-46	3.50	3.77	2.38	3.42	3.09	2.02	1.27
1946-47	2.63	1.78	1.39	3.48	2.43	1.17	1.60
1947-48	2.44	2.23	.89	1.46	1.89	.80	1.30
1948-49	3.51	2.21	2.07	3.59	2.95	.86	1.22
1949-50	2.81	2.42	2.48	1.57	2.45	1.66	1.27
1950-51	2.44	2.43	1.91	3.47	2.71	1.55	2.07
1951-52	3.33	2.36	1.10	3.42	3.14	.94	3.17
1952-53	2.16	1.91	1.57	2.72	2.08	1.25	1.68
1953-54	2.60	3.53	1.60	3.39	2.79	1.32	1.38
1954-55	2.45	2.88	1.75	2.56	2.84	1.30	1.45
1955-56	3.00	3.45	2.02	4.17	3.36	1.71	1.56
1956-57	2.56	3.22	1.69	3.71	3.30	1.69	1.47
1957-58	6.10	5.17	2.82	4.61	4.99	1.62	1.51
1958-59	3.23	3.51	2.91	5.68	3.48	2.53	2.18
1959-60	3.63	4.76	2.06	4.46	4.15	2.02	1.81
1960-61	5.00	4.25	2.92	5.16	5.78	3.02	2.27
1961-62	4.95	4.34	1.82	6.39	6.52	2.30	1.92
1962-63	5.19	4.74	4.82	4.81	5.76	2.57	3.50
1963-64	4.05	5.00	4.07	4.45	4.20	4.28	3.34
1964-65	3.20	3.69	2.37	4.45	4.18	2.99	2.93
1965-66	2.65	4.04	2.21	3.10	3.52	1.86	2.09
1966-67	2.85	3.06	1.11	4.60	3.70	1.39	1.30

^{1/} See footnotes one and two, Table 0-4.

^{2/} Variety breakdown unavailable for Texas.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE 0-24. FRESH ORANGE PRICES: EQUIVALENT F.O.B. RETURNS PER PACKED BOX, BY VARIETY AND STATE, SEASONS 1940-41 THROUGH 1966-67.

Season	Valencia			Navel and Other ^{1/}			All Varieties ^{2/}
	Arizona	California	Florida	Arizona	California	Florida	Texas
(Dollars per Packed 75-Pound Box)							
1940-41	2.30	2.60	1.48	1.99	1.97	1.23	1.42
1941-42	2.36	3.14	1.90	1.80	1.83	1.51	1.71
1942-43	3.67	3.94	2.71	3.49	3.44	2.33	2.58
1943-44	4.18	4.27	2.83	3.40	3.65	2.33	2.79
1944-45	4.22	3.79	3.04	3.59	3.84	2.79	2.87
1945-46	4.45	4.68	3.12	4.45	4.03	2.83	2.83
1946-47	3.64	2.81	2.33	4.67	3.50	2.08	2.37
1947-48	3.84	3.39	1.75	2.78	3.11	1.67	2.18
1948-49	5.15	3.45	3.00	5.44	4.37	1.75	2.06
1949-50	4.15	3.56	3.33	2.79	3.65	2.58	2.98
1950-51	3.63	3.59	2.79	4.80	3.95	2.50	2.32
1951-52	4.59	3.66	2.00	4.80	4.58	1.87	5.02
1952-53	3.44	3.13	2.50	4.26	3.36	2.21	3.10
1953-54	4.03	4.94	2.54	4.86	4.23	2.29	2.45
1954-55	4.14	4.16	2.62	4.19	4.21	2.27	2.75
1955-56	4.58	4.76	2.96	5.73	4.77	2.72	2.75
1956-57	4.00	4.59	2.67	5.29	4.82	2.77	2.67
1957-58	7.49	6.88	4.22	6.00	6.64	2.85	2.82
1958-59	4.66	4.88	3.92	7.32	4.95	3.66	3.47
1959-60	5.20	6.30	3.12	6.05	5.75	3.25	3.11
1960-61	6.90	5.83	4.00	7.15	7.50	4.34	4.01
1961-62	6.62	5.94	2.92	8.09	8.12	3.57	3.44
1962-63	7.10	6.26	6.25	6.55	7.32	4.12	5.00
1963-64	5.65	6.50	5.17	6.05	5.72	5.63	4.83
1964-65	4.90	5.32	3.54	6.15	5.80	4.38	4.25
1965-66	4.45	5.66	3.54	4.90	5.14	3.36	3.33
1966-67	4.45	4.78	2.46	6.20	5.42	2.84	2.65

^{1/} See footnotes one and two, Table 0-4.

^{2/} Variety breakdown unavailable for Texas.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE 0-25. PROCESSED ORANGE PRICES: EQUIVALENT ON TREE RETURNS PER PACKED BOX, BY VARIETY AND STATE, SEASONS 1940-41 THROUGH 1966-67.

Season	Valencia			Navel and Other ^{1/}			All Varieties ^{2/}
	Arizona	California	Florida	Arizona	California	Florida	Texas
(Dollars per Packed 75-Pound Box)							
1940-41	.79	.47	.65	.79	.21	.32	.47
1941-42	.51	.70	.77	.51	.33	.56	.42
1942-43	1.67	1.90	1.43	1.67	1.17	.92	1.54
1943-44	.55	1.70	1.49	.55	.88	1.18	<u>3/</u>
1944-45	.65	.99	2.04	.65	1.03	1.47	<u>3/</u>
1945-46	.95	1.71	2.30	.95	.12	1.67	1.54
1946-47	.33	.13	.56	.57	-.21	.21	.58
1947-48	.15	.30	.34	.33	-.24	.52	.42
1948-49	.29	.55	1.72	.26	-.34	.59	.42
1949-50	.48	.75	2.10	.31	.07	1.53	1.11
1950-51	.80	.40	1.49	.23	.36	1.15	.50
1951-52	.83	.27	.75	.45	-.35	.54	<u>3/</u>
1952-53	.52	.71	1.24	.40	.22	.92	.47
1953-54	.69	.85	1.16	.45	.01	.87	.56
1954-55	1.00	.96	1.42	.91	.15	.91	.59
1955-56	1.34	1.04	1.68	.96	.06	1.43	.98
1956-57	1.14	1.54	1.02	1.81	.44	1.14	.58
1957-58	2.52	2.18	2.69	1.95	.54	1.32	.56
1958-59	1.11	1.60	2.61	1.45	1.10	2.23	1.68
1959-60	.84	1.62	1.73	.82	.42	1.52	1.07
1960-61	1.64	1.82	2.48	.95	.48	2.36	1.16
1961-62	1.38	1.66	1.52	1.18	.74	1.54	.94
1962-63	1.35	2.16	2.71	.75	.88	1.76	<u>3/</u>
1963-64	2.30	2.93	3.73	1.70	1.21	3.65	2.59
1964-65	.90	1.48	1.90	1.05	.54	2.05	2.22
1965-66	1.10	1.22	1.47	.55	.06	1.20	1.08
1966-67	.50	.12	.57	.50	-.38	.41	.29

^{1/} See footnotes one and two, Table 0-4.

^{2/} Variety breakdown unavailable for Texas.

^{3/} Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE G-1. GRAPEFRUIT ACREAGE: BEARING ACREAGE BY STATE AND UNITED STATES, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California	Florida	Texas	United States
(Thousand Acres)					
1930-31	1.2	10.8	60.0	15.3	87.3
1931-32	1.6	11.3	67.8	21.9	102.6
1932-33	2.2	12.1	72.0	34.0	120.3
1933-34	3.0	13.1	75.9	47.4	139.4
1934-35	4.4	13.7	78.3	57.9	154.3
1935-36	7.0	14.5	70.0	64.4	155.9
1936-37	10.5	15.4	78.7	70.0	174.6
1937-38	12.5	16.5	80.4	71.0	180.4
1938-39	.9	16.4	81.5	72.0	182.8
1939-40	14.0	16.4	82.5	73.1	186.0
1940-41	13.4	15.4	82.5	74.1	185.4
1941-42	13.0	15.3	82.8	75.1	186.2
1942-43	13.0	14.8	83.6	76.0	187.4
1943-44	12.6	14.9	84.1	76.8	188.4
1944-45	12.6	14.8	84.6	77.0	189.0
1945-46	12.6	14.5	85.2	78.6	190.9
1946-47	12.0	14.1	85.7	80.0	191.8
1947-48	10.8	13.3	87.6	80.5	192.2
1948-49	10.0	11.6	89.5	82.0	193.1
1949-50	10.0	10.7	93.0	56.0	169.7
1950-51	9.0	10.2	94.4	56.0	169.6
1951-52	8.9	9.7	98.6	17.9	135.1
1952-53	8.5	9.4	102.2	20.9	141.0
1953-54	7.0	9.1	105.5	22.0	143.6
1954-55	6.0	8.2	111.2	24.1	149.5
1955-56	6.0	8.3	111.8	26.0	152.1
1956-57	5.5	7.2	112.4	29.7	154.8
1957-58	5.4	7.5	95.0	30.1	138.1
1958-59	5.6	7.4	94.0	34.1	141.1
1959-60	5.6	7.6	92.3	38.1	143.6
1960-61	5.7	8.1	92.5	40.0	146.3
1961-62	5.8	9.5	94.0	40.0	149.3
1962-63	6.0	10.9	88.0	40.0	144.9
1963-64	6.0	11.9	83.0	27.7	128.6
1964-65	6.1	11.9	84.0	27.7	129.7
1965-66	6.2	12.0	86.0	27.7	131.9
1966-67	6.6	12.8	87.0	<u>1/</u>	

1/ Not available.

Sources: Florida Department of Agriculture, Florida Agricultural Statistics, Citrus Summary, Tallahassee, Florida (various annual issues).

Texas estimates for seasons 1960-61 through 1965-66 obtained through personal letter from Kenneth L. Stewart, Agricultural Extension Service, Texas A&M University, College Station, Texas.

TABLE G-2. GRAPEFRUIT PRODUCTION: TOTAL BY STATE, ARIZONA-CALIFORNIA DESERT, AND UNITED STATES, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California ^{1/}	Florida	Texas	Desert ^{2/}	United States
(Thousand Packed 64-Pound Boxes)						
1930-31	375	1,209	19,750	1,500	866	22,834
1931-32	422	1,342	13,375	3,250	1,046	18,389
1932-33	576	1,266	14,500	1,800	1,068	18,142
1933-34	750	1,661	13,625	1,500	1,431	17,536
1934-35	1,162	2,032	19,000	3,425	1,809	25,619
1935-36	1,688	2,125	14,375	3,475	2,733	21,663
1936-37	1,312	1,444	22,625	12,038	2,055	37,419
1937-38	2,578	1,822	18,250	14,800	3,382	37,450
1938-39	2,531	1,804	29,125	19,588	3,379	53,048
1939-40	2,719	1,868	19,875	18,000	3,738	42,462
1940-41	2,484	1,859	30,750	17,062	3,384	52,155
1941-42	3,433	3,316	24,000	18,125	4,797	48,874
1942-43	2,641	3,206	34,125	21,888	3,914	61,860
1943-44	4,144	3,450	38,750	22,138	5,363	68,482
1944-45	3,809	3,997	27,875	27,875	5,363	63,556
1945-46	4,164	3,500	40,000	30,000	5,403	77,664
1946-47	4,164	3,256	36,250	29,125	5,403	72,795
1947-48	3,047	2,537	41,250	29,000	4,022	75,834
1948-49	1,909	2,247	37,750	14,125	2,721	56,031
1949-50	3,453	2,606	32,141	8,000	4,530	46,200
1950-51	3,199	2,846	44,094	9,375	4,377	59,514
1951-52	2,173	2,266	47,812	250	2,813	52,501
1952-53	3,047	2,575	43,164	500	3,890	49,286
1953-54	2,712	2,606	55,781	1,500	3,778	62,599
1954-55	2,470	2,488	46,218	3,125	3,390	54,301
1955-56	2,370	2,591	50,867	2,750	3,200	58,578
1956-57	2,180	2,484	49,672	3,500	2,990	57,836
1957-58	2,780	2,462	41,304	4,375	3,880	50,921
1958-59	1,870	2,619	46,750	5,250	2,500	56,489
1959-60	3,220	2,762	40,508	6,500	4,620	52,990
1960-61	2,340	2,706	41,968	8,500	3,580	55,514
1961-62	2,270	3,006	46,484	3,375	3,810	55,135
1962-63	2,170	2,562	39,844	88	3,370	44,664
1963-64	3,210	4,281	34,930	625	5,710	43,046
1964-65	2,900	4,312	42,367	2,500	5,430	52,079
1965-66	3,050	5,053	46,351	4,750	5,800	59,204
1966-67	1,680	5,003	57,906	7,000	4,380	71,589

^{1/} Includes both summer and winter grapefruit.

^{2/} Arizona and the Imperial and Coachella Valleys of California.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

Figure 7. Grapefruit Production by States and United States, 1935-36 to 1966-67

Source: G-2.

MILLION
BOXES
(64 Pound)

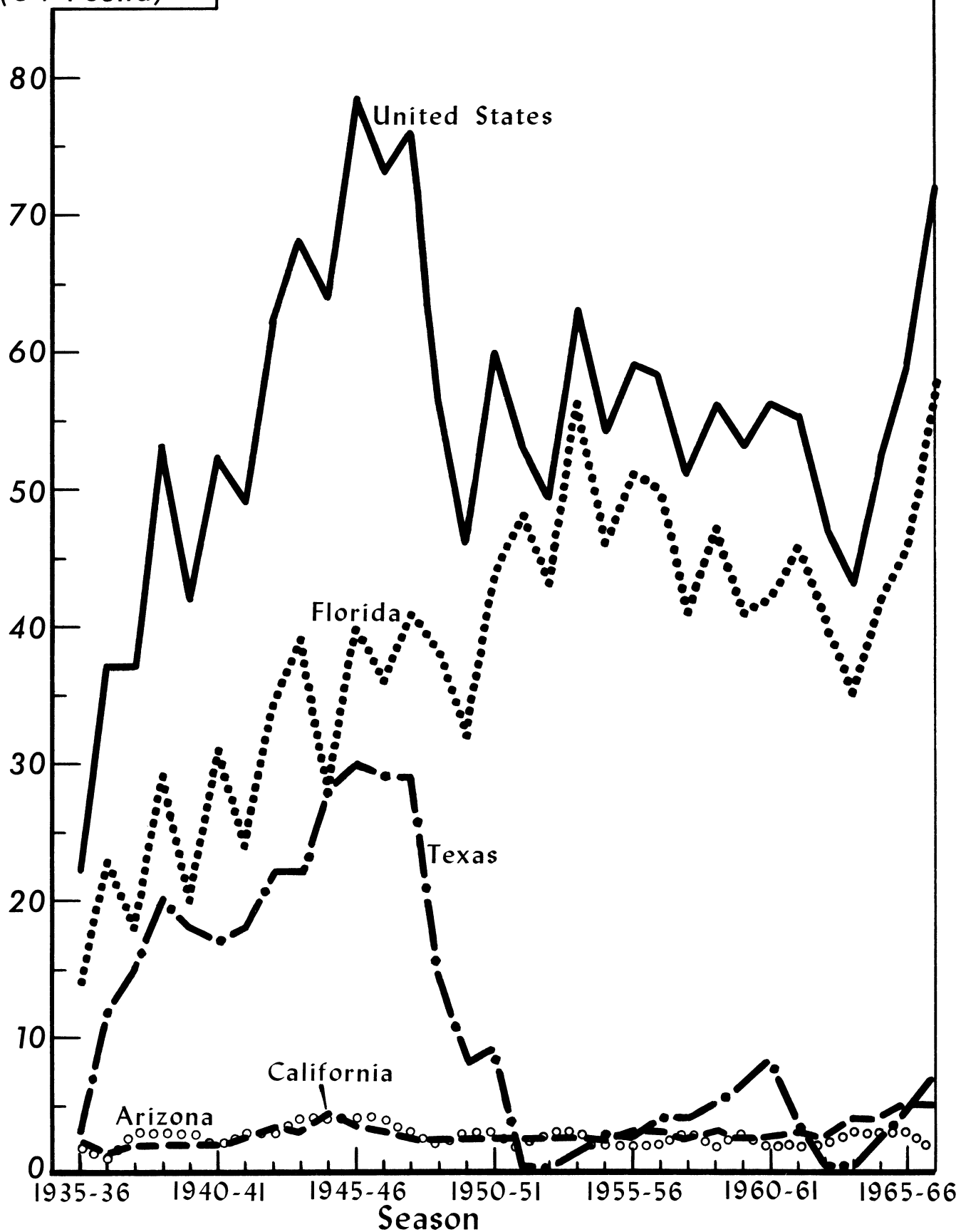


TABLE G-3. FRESH GRAPEFRUIT SALES: TOTAL BY STATE, ARIZONA-CALIFORNIA DESERT, AND UNITED STATES, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California ^{1/}	Florida	Texas	Desert ^{2/}	United States
(Thousand Packed 64-Pound Boxes)						
1930-31	371	1,189	16,019	1,410	859	18,989
1931-32	418	1,321	12,122	3,096	1,039	16,957
1932-33	556	1,245	11,236	1,720	1,044	14,757
1933-34	714	1,581	10,554	1,331	1,386	14,230
1934-35	986	1,709	11,938	2,910	1,540	17,543
1935-36	1,554	1,979	9,702	2,662	2,538	15,897
1936-37	888	1,089	14,041	8,732	1,418	24,800
1937-38	1,972	1,718	10,436	8,236	2,725	22,362
1938-39	1,845	1,725	15,282	10,458	2,664	29,310
1939-40	1,878	1,785	8,748	9,305	2,859	21,716
1940-41	1,810	1,696	13,280	9,214	2,626	26,000
1941-42	2,177	2,797	11,195	10,412	3,251	26,581
1942-43	1,274	2,771	12,004	11,978	2,227	28,027
1943-44	2,197	2,791	13,045	11,670	3,065	29,703
1944-45	2,402	3,169	8,824	15,858	3,506	30,253
1945-46	2,290	2,553	12,155	16,722	3,223	33,720
1946-47	1,660	2,458	13,018	17,269	2,593	34,405
1947-48	1,274	1,832	12,136	15,218	1,981	30,460
1948-49	886	1,617	17,192	7,445	1,321	27,140
1949-50	762	1,627	14,039	4,781	1,370	21,209
1950-51	1,880	1,898	20,183	3,531	2,635	27,492
1951-52	1,355	1,461	25,463	215	1,822	28,494
1952-53	1,729	1,782	22,983	375	2,418	26,869
1953-54	1,549	1,759	27,161	1,062	2,249	31,531
1954-55	1,470	1,753	25,229	2,300	2,145	30,752
1955-56	1,459	1,778	25,874	2,031	2,082	31,142
1956-57	1,334	1,721	24,154	2,056	1,929	29,265
1957-58	2,100	1,823	19,316	3,128	2,855	26,367
1958-59	1,455	1,848	21,886	3,706	1,942	28,895
1959-60	2,107	1,848	21,292	4,851	2,946	30,098
1960-61	1,455	1,769	20,886	6,805	2,125	30,915
1961-62	1,275	1,835	23,655	2,868	2,095	29,633
1962-63	890	1,642	18,478	56	1,607	21,066
1963-64	2,129	2,736	19,310	538	3,672	24,713
1964-65	1,788	2,635	20,806	2,270	3,163	27,499
1965-66	1,903	2,965	19,785	3,762	3,336	28,415
1966-67	935	2,908	22,712	4,950	2,300	31,505

^{1/} Includes both summer and winter grapefruit.

^{2/} Arizona and the Imperial and Coachella Valleys of California.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

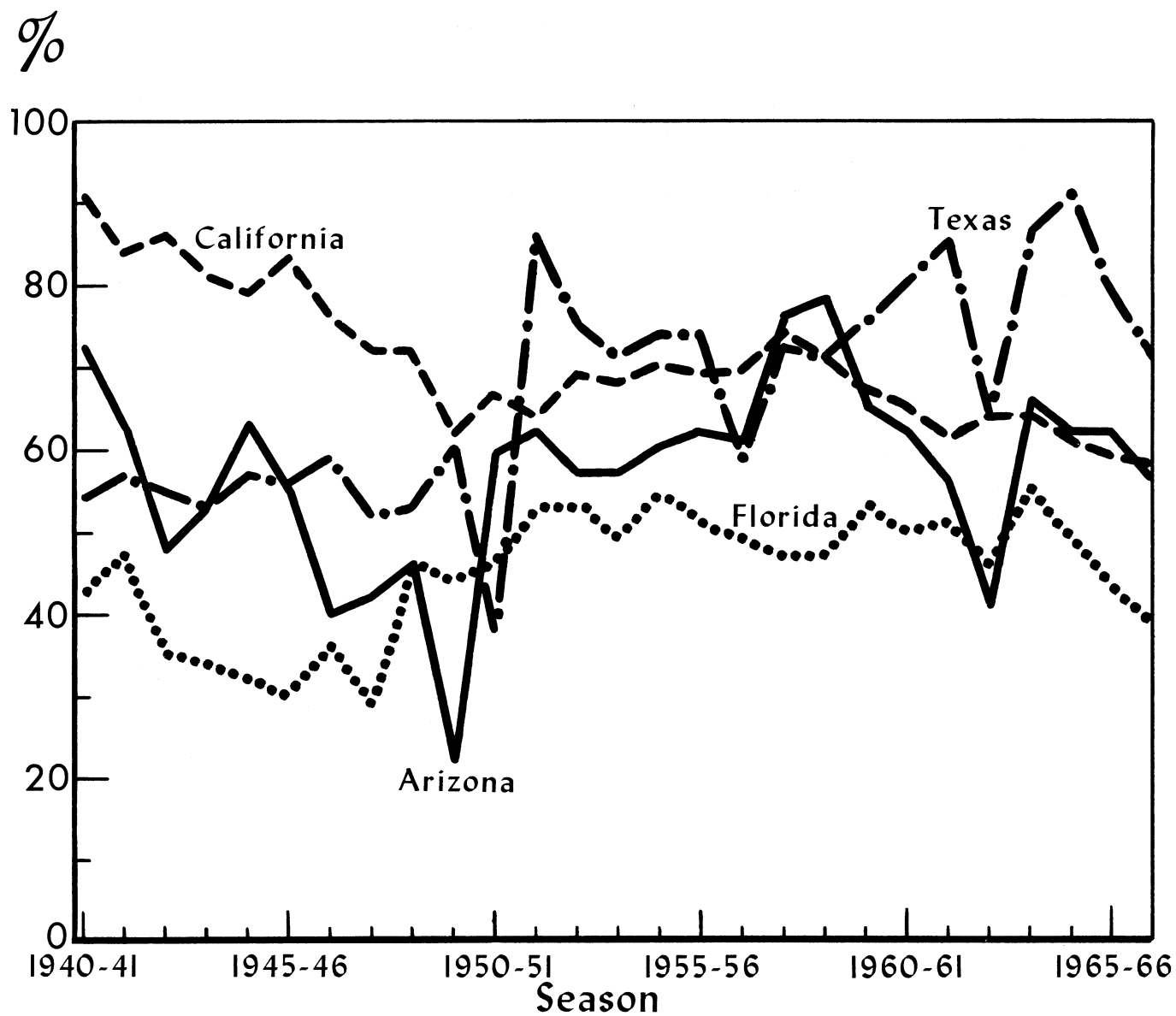


Figure 8. Percent of Total Grapefruit Production Sold Fresh, by States, 1940-41 Through 1966-67.

Source: Tables G-2 and G-3.

TABLE G-4. GRAPEFRUIT PROCESSED: TOTAL BY STATE, ARIZONA-CALIFORNIA DESERT, AND UNITED STATES, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California ^{1/}	Florida	Texas	Desert ^{2/}	United States
(Thousand Packed 64-Pound Boxes)						
1930-31	3/	3/	3,616	70	3/	3,686
1931-32	3/	3/	1,166	129	3/	1,295
1932-33	14	3/	3,158	58	14	3,230
1933-34	29	36	2,961	108	29	3,134
1934-35	169	131	6,931	479	236	7,710
1935-36	126	93	4,558	774	179	5,551
1936-37	417	242	8,449	3,204	598	12,312
1937-38	594	57	7,696	6,504	632	14,851
1938-39	374	36	11,515	6,914	390	18,839
1939-40	510	58	11,015	8,625	544	20,208
1940-41	662	141	17,345	7,779	740	25,927
1941-42	1,241	495	12,679	7,648	1,523	22,063
1942-43	1,355	410	21,980	9,845	1,670	33,590
1943-44	1,935	635	25,558	10,402	2,279	38,530
1944-45	1,394	804	18,920	11,942	1,837	33,060
1945-46	1,862	926	27,670	13,202	2,162	43,660
1946-47	1,555	766	19,832	11,150	1,843	33,303
1947-48	802	668	24,314	10,826	1,050	36,610
1948-49	971	600	20,382	6,599	1,337	28,552
1949-50	2,679	957	17,915	3,138	3,142	24,689
1950-51	1,307	914	23,711	5,762	1,713	31,694
1951-52	806	784	18,166	10	975	19,766
1952-53	1,303	770	19,968	94	1,451	22,135
1953-54	1,148	827	26,680	406	1,529	29,061
1954-55	988	710	20,777	750	1,223	23,225
1955-56	896	787	24,780	625	1,096	27,088
1956-57	831	740	25,305	1,350	1,039	28,226
1957-58	665	614	21,776	1,152	1,003	24,207
1958-59	400	747	24,651	1,450	536	27,248
1959-60	1,093	861	19,003	1,555	1,619	22,512
1960-61	865	904	20,870	1,601	1,419	24,240
1961-62	875	1,027	22,324	445	1,469	24,671
1962-63	1,260	894	21,199	0	1,735	23,353
1963-64	1,061	1,518	15,381	31	2,009	17,991
1964-65	1,092	1,649	21,322	174	2,238	24,237
1965-66	1,127	2,060	26,327	900	2,383	30,414
1966-67	730	2,068	34,955	1,700	2,055	39,453

^{1/} Includes both summer and winter grapefruit.

^{2/} Arizona and the Imperial and Coachella Valleys of California.

^{3/} Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits, by States, Production, Use, Value, Washington, D. C. (various annual issues).

TABLE G-5. DESERT GRAPEFRUIT PRODUCTION: TOTAL BY PRODUCING AREA,
SEASONS 1941-42 THROUGH 1966-67.

Season	Producing Area				Desert
	SRV ^{1/}	Yuma	Imperial	Coachella	Total ^{2/}
(Thousand Packed 64-Pound Boxes)					
1941-42	2,791	455	676	682	4,611
1942-43	2,002	563	529	739	3,836
1943-44	3,641	449	514	700	5,306
1944-45	3,121	639	635	915	5,313
1945-46	3,478	602	549	682	5,315
1946-47	2,928	560	493	746	4,736
1947-48	1,464	653	349	614	3,107
1948-49	1,226	634	194	582	2,650
1949-50	2,767	638	235	832	4,472
1950-51	2,408	712	241	917	4,282
1951-52	1,634	585	140	495	2,858
1952-53	2,327	652	178	654	3,814
1953-54	1,957	693	192	610	3,717
1954-55	1,812	649	175	751	3,388
1955-56	1,815	571	143	693	3,222
1956-57	1,662	524	99	717	3,001
1957-58	2,094	717	155	958	3,924
1958-59	1,479	425	96	527	2,528
1959-60	2,414	811	186	1,203	4,625
1960-61	1,711	620	126	1,112	3,570
1961-62	1,681	578	105	1,429	3,801
1962-63	1,552	591	71	1,119	3,333
1963-64	2,428	757	107	2,380	5,675
1964-65	2,169	698	55	2,463	5,386
1965-66	2,197	825	62	2,675	5,761
1966-67	1,011	648	65	2,599	4,325

^{1/} SRV - Salt River Valley.

^{2/} Desert Total includes parcel post and charity shipments as well as the sum over all areas. This total does not correspond with Desert Total in Table G-2 because of minor differences in definitions.

Source: Grapefruit Administrative Committee, Annual Report, Phoenix, Arizona (various annual issues).

TABLE G-6. DESERT FRESH GRAPEFRUIT SALES: TOTAL BY PRODUCING AREA,
SEASONS 1941-42 THROUGH 1966-67.

Season	Producing Area ^{1/}			Desert Total ^{3/}	
	SRV ^{2/}	Yuma	Imperial		Coachella
(Thousand Packed 64-Pound Boxes)					
1941-42	1,642	343	516	558	3,059
1942-43	933	276	356	596	2,163
1943-44	1,912	237	344	523	3,018
1944-45	1,945	416	417	687	3,466
1945-46	1,832	387	387	543	3,150
1946-47	1,325	314	364	570	2,574
1947-48	786	428	250	450	1,914
1948-49	366	491	95	314	1,266
1949-50	334	394	114	490	1,332
1950-51	1,352	442	149	597	2,540
1951-52	1,031	340	101	365	1,837
1952-53	1,316	363	140	540	2,361
1953-54	1,141	360	126	574	2,201
1954-55	1,064	373	123	560	2,121
1955-56	1,159	308	104	524	2,094
1956-57	1,103	235	65	535	1,939
1957-58	1,687	446	108	658	2,901
1958-59	1,163	337	78	406	1,985
1959-60	1,692	416	112	721	2,942
1960-61	1,156	299	70	602	2,128
1961-62	975	300	54	763	2,093
1962-63	624	260	34	679	1,598
1963-64	1,702	422	64	1,474	3,663
1964-65	1,449	324	32	1,338	3,143
1965-66	1,424	468	28	1,449	3,371
1966-67	599	328	30	1,318	2,278

^{1/} Sales by producing area include intrastate, interstate, and export shipments.

^{2/} SRV - Salt River Valley

^{3/} Desert Total includes parcel post shipments.

Source: Grapefruit Administrative Committee, Annual Report, Phoenix, Arizona (various annual issues).

TABLE G-7. DESERT GRAPEFRUIT PROCESSED: TOTAL BY PRODUCING AREA,
SEASONS 1941-42 THROUGH 1966-67.

Season	Producing Area				Desert
	SRV ^{1/}	Yuma	Imperial	Coachella	Total
(Thousand Packed 64-Pound Boxes)					
1941-42	1,129	112	157	125	1,523
1942-43	1,064	286	173	142	1,665
1943-44	1,727	211	170	176	2,284
1944-45	1,175	221	216	226	1,838
1945-46	1,646	215	111	138	2,160
1946-47	1,317	245	116	172	1,850
1947-48	605	197	89	157	1,048
1948-49	849	121	99	265	1,334
1949-50	2,431	244	121	341	3,137
1950-51	1,041	266	89	314	1,710
1951-52	601	220	40	130	991
1952-53	1,011	288	37	113	1,449
1953-54	816	333	66	297	1,512
1954-55	746	276	51	186	1,259
1955-56	650	263	39	165	1,117
1956-57	555	289	32	179	1,055
1957-58	402	270	47	297	1,016
1958-59	315	88	18	118	539
1959-60	698	395	72	454	1,619
1960-61	543	321	55	498	1,417
1961-62	596	278	37	556	1,467
1962-63	926	331	37	438	1,732
1963-64	725	336	43	904	2,008
1964-65	717	374	24	1,122	2,237
1965-66	770	356	34	1,222	2,382
1966-67	410	320	35	1,277	2,042

^{1/} SRV - Salt River Valley

Source: Grapefruit Administrative Committee, Annual Report, Phoenix, Arizona (various annual issues).

TABLE G-8. DESERT GRAPEFRUIT EXPORTS: TOTAL BY PRODUCING AREA,
SEASONS 1941-42 THROUGH 1966-67.

Season	Producing Area				Desert Total
	SRV ^{1/}	Yuma	Imperial	Coachella	
(Thousand Packed 64-Pound Boxes)					
1941-42	4	5	1	0	10
1942-43	15	3	1	16	35
1943-44	116	0	1	27	144
1944-45	80	6	1	27	114
1945-46	331	11	13	25	380
1946-47	263	32	2	13	310
1947-48	74	18	0	13	105
1948-49	21	44	0	3	68
1949-50	7	10	0	18	35
1950-51	47	8	0	3	58
1951-52	53	1	<u>2/</u>	5	59
1952-53	68	17	0	3	88
1953-54	55	14	0	20	89
1954-55	40	26	2	28	96
1955-56	36	5	14	53	108
1956-57	62	3	12	53	130
1957-58	56	15	28	81	180
1958-59	51	7	13	30	101
1959-60	53	5	17	87	162
1960-61	109	22	32	114	277
1961-62	138	32	24	158	352
1962-63	34	22	11	120	187
1963-64	90	29	15	108	242
1964-65	102	48	5	111	266
1965-66	104	62	2	80	248
1966-67	46	56	7	107	216

^{1/} SRV - Salt River Valley

^{2/} Less than 500 packed boxes.

Source: Grapefruit Administrative Committee, Annual Report, Phoenix,
Arizona (various annual issues).

TABLE G-9. GRAPEFRUIT SHIPMENTS: PERCENT BY RAIL AND BY TRUCK,
ARIZONA AND CALIFORNIA, YEARS 1956 THROUGH 1966.^{1/}

Year	Arizona			California		
	Truck	Rail	Total	Truck	Rail	Total
(Percent)						
1956	72	25	100	76	24	100
1957	75	25	100	75	25	100
1958	68	32	100	64	36	100
1959	82	18	100	68	32	100
1960	62	38	100	62	38	100
1961	85	15	100	69	31	100
1962	86	14	100	76	24	100
1963	89	11	100	77	23	100
1964	74	26	100	70	30	100
1965	71	29	100	62	38	100
1966	72	28	100	67	33	100

^{1/} Based on unloads of fresh grapefruit in 41 cities.

Sources: U. S. Department of Agriculture, Agricultural Marketing Service, Carlot Unloads of Certain Fruits and Vegetables in 100 U. S. and 5 Canadian Cities, Washington, D. C. (1957-63 issues); and U. S. Department of Agriculture, Consumer and Marketing Service, Fresh Fruit and Vegetable Unload Totals for 41 Cities, Washington, D. C. (1964-67 issues).

TABLE G-10. DESERT GRAPEFRUIT SHIPMENTS: MONTHLY AND TOTAL SHIPMENTS
OF FRESH GRAPEFRUIT, SEASONS 1943-44 THROUGH 1966-67.^{1/}

Season	Month										Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	
(Thousand Packed 64-Pound Boxes)											
1943-44	56	326	297	285	257	491	375	408	365	105	2,965
1944-45	2/	133	285	275	323	379	493	409	631	47	2,975
1945-46	3	327	258	373	278	263	445	619	485	59	3,110
1946-47	121	270	223	287	233	252	360	329	438	45	2,558
1947-48	122	168	252	239	195	222	269	236	175	35	1,913
1948-49	3	90	192	113	151	265	170	177	101	4	1,266
1949-50	24	129	169	168	160	165	229	208	67	12	1,331
1950-51	1	164	180	214	238	343	308	414	364	292	2,518
1951-52	0	134	193	278	235	239	237	292	169	59	1,836
1952-53	0	90	192	225	234	263	335	374	473	164	2,350
1953-54	0	110	219	222	206	296	246	319	337	244	2,199
1954-55	22	202	253	297	252	247	317	254	243	25	2,112
1955-56	0	47	219	248	286	245	266	410	294	75	2,090
1956-57	0	123	155	225	187	221	251	309	287	175	1,933
1957-58	0	188	199	323	277	387	561	671	258	36	2,900
1958-59	0	200	186	284	237	258	296	264	188	65	1,978
1959-60	16	161	206	228	257	316	359	630	556	197	2,926
1960-61	0	186	151	215	197	344	263	301	266	154	2,077
1961-62	0	185	150	274	178	358	254	383	237	51	2,070
1962-63	0	152	183	257	230	258	225	213	77	2	1,597
1963-64	0	343	254	483	444	472	649	583	340	93	3,661
1964-65	0	122	176	314	265	412	429	600	634	191	3,143
1965-66	0	144	165	298	364	445	478	785	580	110	3,369
1966-67	0	90	163	214	220	277	275	444	432	159	2,274

^{1/} Does not include parcel post.

^{2/} Less than 500 packed boxes.

Source: Grapefruit Administrative Committee, Annual Report, Phoenix, Arizona (various annual issues).

TABLE G-11. DESERT GRAPEFRUIT SHIPMENTS: DESTINATION OF FRESH SHIPMENTS BY STATE, SEASONS 1956-57 THROUGH 1966-67.

Destination	Season										
	56-57	57-58	58-59	59-60	60-61	61-62	62-63	63-64	64-65	65-66	66-67
	(Thousand Packed 64-Pound Boxes)										
Arizona	24	31	42	47	54	40	33	59	46	59	75
California	1,202	1,452	1,365	1,363	1,221	1,159	832	1,452	1,279	1,433	1,278
Colorado	14	47	16	29	11	34	32	50	52	39	44
Idaho	15	18	16	18	13	14	9	17	13	13	7
Montana	10	9	9	15	7	12	8	8	9	13	8
Nevada	3	4	3	3	2	2	2	7	5	6	6
New Mexico	8	7	8	9	8	6	10	17	12	12	8
Oregon	81	106	107	108	85	70	58	105	96	126	91
Utah	44	60	44	56	31	41	28	60	44	54	34
Washington	71	96	83	96	77	89	62	100	88	105	90
Wyoming	0	1/	1/	0	0	1/	0	0	1/	0	0
TOTAL	1,472	1,830	1,693	1,744	1,509	1,467	1,074	1,875	1,644	1,860	1,641
Midwest ^{2/}	144	425	63	479	96	81	118	733	481	583	195
East ^{3/}	46	143	45	156	45	49	43	256	265	253	56
South ^{4/}	97	156	67	194	57	51	94	318	345	238	70
TOTAL	287	724	175	829	198	181	255	1,307	1,091	1,074	321
Canada	44	162	18	194	95	64	81	239	141	185	98
Exports ^{5/}	131	184	94	159	277	357	187	241	266	250	213
GRAND TOTAL	1,934	2,900	1,980	2,926	2,079	2,069	1,597	3,662	3,142	3,369	2,273

^{1/} Less than 500 packed boxes.

^{2/} Midwest - Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin.

^{3/} East - Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, West Virginia, Washington, D. C.

^{4/} South - Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas.

^{5/} Exports include shipments to Alaska and Hawaii.

SOURCE: Grapefruit Administrative Committee, Annual Report, Phoenix, Arizona (various annual issues).

TABLE G-12. FRESH GRAPEFRUIT SHIPMENTS: CARLOT UNLOADS IN TWENTY U. S. CITIES, BY PRODUCING STATE, YEARS 1957, 1962, and 1965.^{1/}

Destination	Arizona			California			Florida			Texas		
	1957	1962	1965	1957	1962	1965	1957	1962	1965	1957	1962	1965
	(Carloads)											
Atlanta	8	5	23	6	3	32	423	430	393	2	0	1
Boston	27	8	36	36	67	87	1037	919	954	1	0	0
Buffalo	8	18	12	8	9	12	306	322	321	1	0	0
Chicago	34	19	85	37	35	183	1718	1434	1485	69	36	35
Cincinnati	17	2	26	17	23	39	495	359	345	6	5	6
Cleveland	26	7	20	18	16	24	773	740	533	9	1	9
Dallas	22	4	11	18	38	67	189	266	104	153	59	208
Denver	13	26	9	41	52	70	399	361	270	76	34	96
Detroit	11	14	33	37	32	80	919	837	691	8	11	5
Indianapolis	11	4	5	13	10	10	291	350	309	2	1	8
Kansas City	27	3	24	24	26	45	300	291	380	58	25	31
Los Angeles	1073	774	888	1110	578	504	176	385	511	145	51	519
Minneapolis	7	7	9	24	28	28	412	471	395	150	23	52
New York	0	10	74	135	102	310	4773	4140	4442	3	0	0
Philadelphia	3	14	98	42	35	93	1576	1617	1379	5	0	0
Pittsburgh	40	5	48	21	16	52	719	599	559	2	2	2
Portland	95	60	65	50	57	97	7	193	148	25	19	77
Salt Lake City	60	17	27	11	50	38	111	162	123	118	17	98
San Francisco	314	232	177	270	198	280	86	295	289	49	21	47
Seattle	95	83	36	14	58	132	249	267	224	0	25	39

^{1/} Includes truck and rail shipments.

Sources: U. S. Department of Agriculture, Agricultural Marketing Service, Carlot Unloads of Certain Fruits and Vegetables in 100 U. S. and 5 Canadian Cities, Washington, D. C., April 1958 and March 1963; U. S. Department of Agriculture, Consumer and Marketing Service, Fresh Fruit and Vegetable Unloads for 41 Cities, Washington, D. C., March 1966.

TABLE G-13. GRAPEFRUIT PRICES: EQUIVALENT ON TREE RETURNS PER PACKED BOX, BY STATE, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California		Florida	Texas
		Desert	Other		
		Valleys	Areas		
(Dollars per Packed 64-Pound Box)					
1930-31	1.54	1.60	<u>1/</u>	.39	.92
1931-32	.91	.90	<u>1/</u>	.54	.54
1932-33	.80	.80	<u>1/</u>	.29	.70
1933-34	.77	.79	<u>1/</u>	.53	.54
1934-35	.65	.69	<u>1/</u>	.28	.46
1935-36	.77	.68	<u>1/</u>	.62	.57
1936-37	.60	.94	<u>1/</u>	.41	.28
1937-38	.31	.47	<u>1/</u>	.47	.29
1938-39	.15	.38	<u>1/</u>	.18	.15
1939-40	.22	.33	<u>1/</u>	.34	.18
1940-41	.21	.32	1.05	.26	.23
1941-42	.46	.55	1.34	.50	.41
1942-43	.95	1.05	1.77	.74	.78
1943-44	1.17	1.31	2.00	1.05	1.07
1944-45	1.42	1.33	1.96	1.36	1.02
1945-46	.84	1.20	1.20	1.02	.89
1946-47	.15	.65	1.17	.50	.62
1947-48	.28	.91	.78	.21	.30
1948-49	.42	.86	1.45	.54	.40
1949-50	.35	1.34	1.08	1.37	1.46
1950-51	.48	.89	.90	.72	.70
1951-52	.64	1.17	1.14	.40	2.51
1952-53	.55	1.83	1.09	.58	1.65
1953-54	.61	1.51	1.28	.37	1.10
1954-55	.51	1.67	1.66	.48	.86
1955-56	.65	1.97	1.76	.43	.83
1956-57	.87	2.11	1.51	.68	.67
1957-58	1.22	2.26	2.43	.75	.83
1958-59	1.25	2.16	1.47	.79	.97
1959-60	.88	1.15	1.53	.80	.83
1960-61	.85	.79	1.39	.73	.73
1961-62	.50	1.00	1.28	.51	.74
1962-63	.64	1.72	2.68	.95	3.23
1963-64	1.46	2.30	2.43	1.71	2.50
1964-65	.86	1.42	1.92	1.12	1.64
1965-66	1.10	1.70	2.10	1.04	1.22
1966-67	1.10	.89	1.68	.47	.64

1/ Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

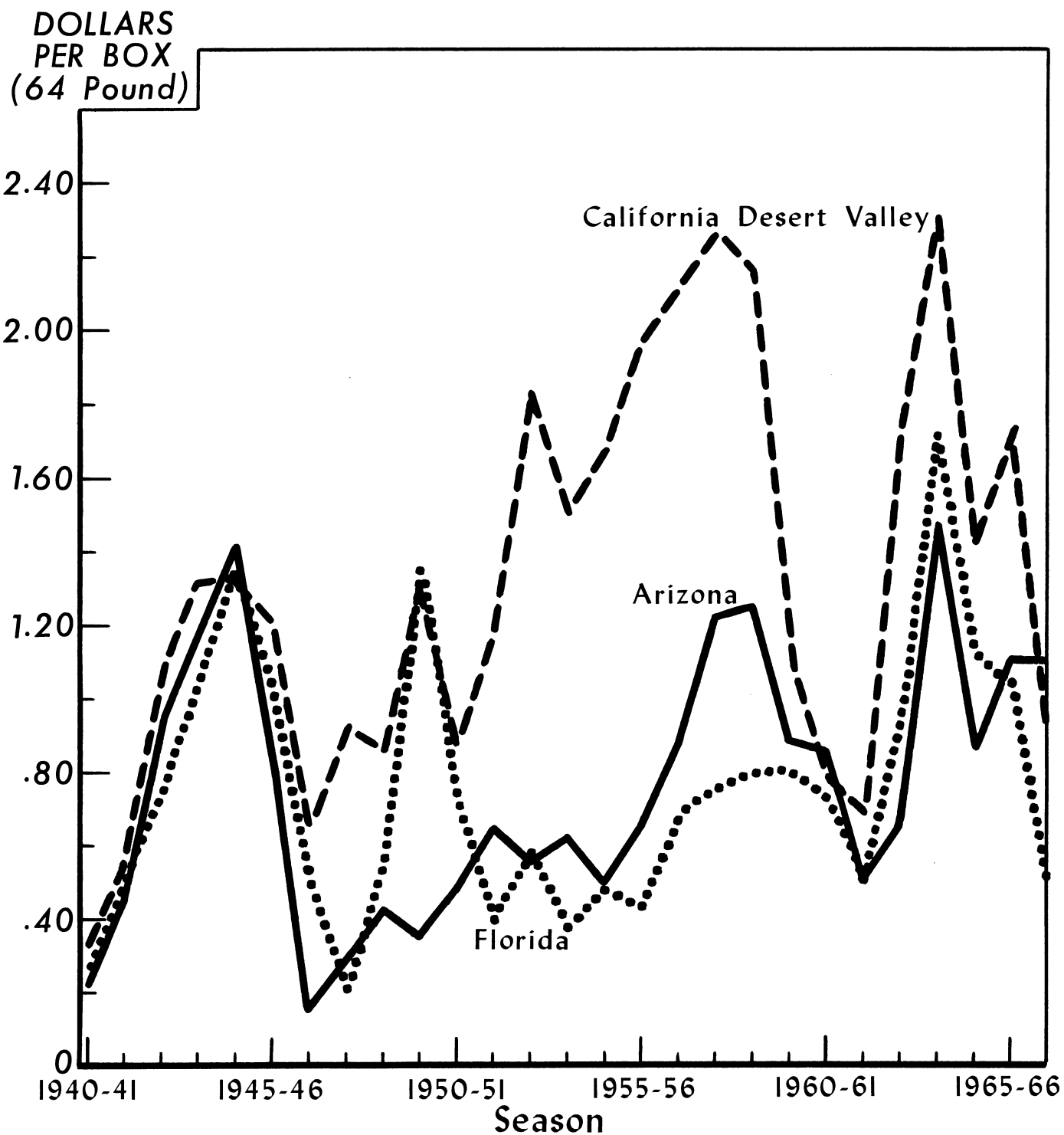


Figure 9. On Tree Returns per Packed Box of Grapefruit, by States, 1940-41 Through 1966-67.

Source: Table G-13.

TABLE G-14. FRESH GRAPEFRUIT PRICES: EQUIVALENT ON TREE RETURNS PER PACKED BOX, BY STATE, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California		Florida	Texas
		Desert	Other		
		Valleys	Areas		
(Dollars Per Packed 64-Pound Box)					
1930-31	1.54	1.60	<u>1/</u>	.42	.94
1931-32	.91	.90	<u>1/</u>	.57	.54
1932-33	.80	.80	<u>1/</u>	.34	.71
1933-34	.79	.79	<u>1/</u>	.57	.58
1934-35	.73	.76	<u>1/</u>	.34	.50
1935-36	.80	.71	<u>1/</u>	.68	.63
1936-37	.81	1.23	<u>1/</u>	.46	.31
1937-38	.35	.49	<u>1/</u>	.62	.38
1938-39	.18	.39	<u>1/</u>	.24	.20
1939-40	.26	.34	<u>1/</u>	.50	.25
1940-41	.28	.34	1.12	.34	.28
1941-42	.61	.66	1.50	.58	.46
1942-43	1.30	1.24	1.85	.86	.86
1943-44	1.46	1.56	2.30	1.07	1.12
1944-45	1.85	1.65	2.28	1.38	1.10
1945-46	1.11	1.44	1.66	1.20	1.01
1946-47	.37	.92	1.60	.75	.81
1947-48	.47	1.30	1.20	.42	.42
1948-49	.84	1.78	1.78	.76	.58
1949-50	1.03	2.24	1.62	1.52	1.56
1950-51	.63	1.35	1.38	.93	1.14
1951-52	.98	1.63	1.92	.62	2.63
1952-53	.83	2.21	1.79	.82	1.97
1953-54	.93	2.29	1.89	.66	1.36
1954-55	.78	2.19	2.46	.72	1.02
1955-56	.98	2.52	2.63	.70	.98
1956-57	1.34	2.76	2.23	1.04	.92
1957-58	1.51	3.05	2.97	1.05	1.02
1958-59	1.55	2.71	2.07	1.04	1.15
1959-60	1.27	1.92	1.99	1.00	.95
1960-61	1.22	1.60	1.79	.95	.86
1961-62	.83	1.40	1.84	.81	.86
1962-63	1.58	2.73	3.80	1.54	3.23
1963-64	2.05	3.08	3.17	2.00	2.57
1964-65	1.35	2.38	2.56	1.55	1.70
1965-66	1.55	2.72	3.08	1.43	1.37
1966-67	1.80	1.94	2.67	.89	.78

1/ Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE G-15. FRESH GRAPEFRUIT PRICES: EQUIVALENT PACKINGHOUSE DOOR RETURNS PER PACKED BOX, BY STATE, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California		Florida	Texas
		Desert	Other		
		Valleys	Areas		
(Dollars Per Packed 64-Pound Box)					
1930-31	<u>1/</u>	1.75	<u>1/</u>	<u>1/</u>	1.03
1931-32	<u>1/</u>	1.03	<u>1/</u>	<u>1/</u>	.66
1932-33	<u>1/</u>	.92	<u>1/</u>	<u>1/</u>	.81
1933-34	<u>1/</u>	.92	<u>1/</u>	.66	.69
1934-35	<u>1/</u>	.92	<u>1/</u>	.43	.58
1935-36	<u>1/</u>	.84	<u>1/</u>	.78	.72
1936-37	<u>1/</u>	1.30	<u>1/</u>	.54	.38
1937-38	<u>1/</u>	.60	<u>1/</u>	.69	.46
1938-39	.29	.50	<u>1/</u>	.32	.28
1939-40	.36	.45	<u>1/</u>	.64	.33
1940-41	.38	.47	1.25	.42	.36
1941-42	.73	.80	1.66	.70	.56
1942-43	1.46	1.46	2.03	1.01	.98
1943-44	1.63	1.80	2.51	1.22	1.24
1944-45	2.03	1.90	2.51	1.53	1.23
1945-46	1.30	1.68	1.89	1.35	1.14
1946-47	.63	1.17	1.82	.91	.93
1947-48	.67	1.56	1.45	.58	.53
1948-49	.98	2.04	2.00	.92	.67
1949-50	1.22	2.50	1.86	1.67	1.67
1950-51	.82	1.60	1.61	1.08	1.26
1951-52	1.17	1.90	2.16	.83	3.23
1952-53	1.04	2.46	2.07	1.04	2.21
1953-54	1.14	2.54	2.16	.87	1.56
1954-55	1.00	2.42	2.72	.94	1.18
1955-56	1.20	2.76	2.91	.92	1.14
1956-57	1.56	3.00	2.51	1.25	1.08
1957-58	1.73	3.33	3.30	1.30	1.18
1958-59	1.80	3.03	2.38	1.29	1.31
1959-60	1.50	2.30	2.35	1.25	1.11
1960-61	1.45	1.94	2.17	1.20	1.02
1961-62	1.13	2.06	2.28	1.08	1.02
1962-63	1.93	3.12	4.26	1.81	3.39
1963-64	2.40	3.46	3.67	2.33	2.77
1964-65	1.75	2.84	3.02	1.88	1.94
1965-66	2.00	3.18	3.61	1.84	1.65
1966-67	2.25	2.44	3.25	1.30	1.06

1/ Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE G-16. FRESH GRAPEFRUIT PRICES: EQUIVALENT F.O.B. RETURNS PER PACKED BOX, BY STATE, SEASONS 1930-31 THROUGH 1966-67.

Season	Arizona	California		Florida	Texas
		Desert	Other		
		Valleys	Areas		
(Dollars Per Packed 64-Pound Box)					
1930-31	2.36	2.52	<u>1/</u>	1.26	1.82
1931-32	1.76	1.94	<u>1/</u>	1.26	1.30
1932-33	1.63	1.69	<u>1/</u>	1.06	1.42
1933-34	1.63	1.60	<u>1/</u>	1.30	1.29
1934-35	1.59	1.64	<u>1/</u>	1.05	1.22
1935-36	1.60	1.50	<u>1/</u>	1.44	1.38
1936-37	1.79	2.15	<u>1/</u>	1.18	.94
1937-38	1.23	1.27	<u>1/</u>	1.23	.88
1938-39	1.19	1.17	<u>1/</u>	.83	.72
1939-40	1.27	1.30	<u>1/</u>	1.18	.88
1940-41	1.10	1.17	2.01	.91	.84
1941-42	1.40	1.43	2.43	1.23	1.20
1942-43	2.21	2.25	2.67	1.70	1.68
1943-44	2.48	2.62	3.21	1.95	1.96
1944-45	2.88	2.71	3.22	2.31	1.96
1945-46	2.17	2.48	2.65	2.12	1.88
1946-47	1.65	2.05	2.65	1.74	1.64
1947-48	1.85	2.56	2.37	1.47	1.25
1948-49	2.33	2.99	3.32	1.88	1.35
1949-50	2.31	3.54	2.88	2.62	2.52
1950-51	2.00	2.66	2.65	2.04	2.22
1951-52	2.33	3.05	3.31	1.77	5.18
1952-53	2.25	3.61	3.17	1.99	3.32
1953-54	2.40	3.79	3.36	1.79	2.64
1954-55	2.28	3.54	3.85	1.85	2.26
1955-56	2.49	4.18	4.14	1.85	2.14
1956-57	2.84	4.36	3.73	2.30	2.17
1957-58	3.00	4.78	4.72	2.43	2.32
1958-59	3.14	4.59	3.62	2.38	2.38
1959-60	2.85	3.55	3.73	2.31	2.29
1960-61	2.80	3.18	3.50	2.27	2.42
1961-62	2.63	3.24	3.60	2.16	2.46
1962-63	3.25	4.28	5.52	3.11	4.80
1963-64	3.70	4.74	4.87	3.52	4.08
1964-65	3.15	4.12	4.26	3.17	3.20
1965-66	3.50	4.52	4.85	3.11	2.92
1966-67	3.70	3.84	4.58	2.64	2.46

1/ Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE G-17. PROCESSED GRAPEFRUIT PRICES: EQUIVALENT ON TREE RETURNS
PER PACKED BOX, BY STATE, SEASONS 1930-31 THROUGH 1966-67.

Season	California				Texas
	Arizona	Desert	Other	Florida	
		Valleys	Areas		
(Dollars Per Packed 64-Pound Box)					
1930-31	<u>1/</u>	<u>1/</u>	<u>1/</u>	.23	.42
1931-32	<u>1/</u>	<u>1/</u>	<u>1/</u>	.16	.32
1932-33	<u>1/</u>	<u>1/</u>	<u>1/</u>	.13	.38
1933-34	.21	<u>1/</u>	<u>1/</u>	.37	.18
1934-35	.20	.14	<u>1/</u>	.19	.15
1935-36	.35	.13	<u>1/</u>	.45	.34
1936-37	.16	.09	<u>1/</u>	.32	.18
1937-38	.18	.04	<u>1/</u>	.28	.16
1938-39	.01	.02	<u>1/</u>	.10	.09
1939-40	.12	.07	<u>1/</u>	.19	.12
1940-41	.04	.08	.01	.22	.17
1941-42	.19	.12	.01	.43	.34
1942-43	.63	.48	.21	.67	.68
1943-44	.86	.69	.01	1.04	1.02
1944-45	.67	.52	.17	1.35	.90
1945-46	.49	.46	.04	.94	.74
1946-47	-.10	-.23	-.22	.34	.31
1947-48	-.04	-.24	-.36	.10	.14
1948-49	.05	-.25	-.22	.34	.21
1949-50	.16	.16	-.03	1.24	1.32
1950-51	.27	.03	-.17	.53	.43
1951-52	.07	-.10	-.11	.09	.00
1952-53	.19	.12	-.14	.31	.38
1953-54	.18	-.02	-.11	.08	.39
1954-55	.11	.17	-.14	.18	.36
1955-56	.12	.26	.06	.15	.37
1956-57	.11	.24	.00	.34	.30
1957-58	.32	.48	.32	.48	.33
1958-59	.14	.18	.13	.57	.50
1959-60	.14	-.08	.13	.58	.47
1960-61	.23	-.20	.15	.50	.19
1961-62	.03	.00	-.04	.20	.04
1962-63	-.03	.12	.21	.42	<u>1/</u>
1963-64	.27	1.03	.85	1.36	1.42
1964-65	.06	.26	.31	.70	.90
1965-66	.34	.50	.31	.74	.64
1966-67	.20	-.20	-.38	.18	.22

1/ Data not available.

Source: U. S. Department of Agriculture, Statistical Reporting Service,
Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits,
Tree Nuts, Washington, D. C. (various annual issues).

TABLE L-1. LEMON ACREAGE: BEARING ACREAGE BY STATE AND UNITED STATES, SEASONS 1940-41 THROUGH 1965-66.

Season	Arizona	California	United States ^{1/}
(Thousand Acres)			
1940-41	<u>2/</u>	52.8	52.8
1941-42	<u>2/</u>	54.4	54.4
1942-43	<u>2/</u>	56.3	56.3
1943-44	<u>2/</u>	58.2	58.2
1944-45	<u>2/</u>	60.8	60.8
1945-46	<u>2/</u>	62.9	62.9
1946-47	<u>2/</u>	63.0	63.0
1947-48	<u>2/</u>	61.9	61.9
1948-49	0.6	60.0	60.6
1949-50	0.7	56.6	57.3
1950-51	0.7	55.4	56.1
1951-52	0.8	54.8	55.6
1952-53	0.8	54.6	55.4
1953-54	0.9	54.4	55.3
1954-55	1.0	52.9	53.9
1955-56	1.0	52.6	53.6
1956-57	1.3	51.0	52.3
1957-58	1.7	51.1	52.8
1958-59	2.7	50.4	53.1
1959-60	4.3	51.7	56.0
1960-61	5.0	50.7	55.7
1961-62	5.8	49.7	55.5
1962-63	6.5	46.3	52.8
1963-64	6.7	46.9	53.6
1964-65	6.8	42.9	49.7
1965-66	6.9	41.8	48.7

^{1/} California only prior to 1948-49.

^{2/} Data not available.

Sources: Arizona Crop and Livestock Reporting Service, Citrus Acreage in Arizona, Phoenix, Arizona, December 11, 1964; Sunkist Growers, Statistical Information on the Citrus Fruit Industry, Oranges, Lemons, Grapefruit, 1961, Los Angeles, California, August 1961 (and 1965 Supplement, July 1965); Estimates for 1965-66 obtained from Arizona Crop and Livestock Reporting Service, Phoenix, Arizona.

TABLE L-2. LEMON PRODUCTION: TOTAL BY STATE AND UNITED STATES,
SEASONS 1940-41 THROUGH 1966-67.

Season	Arizona	California	United States ^{1/}
(Thousand Packed 76-Pound Boxes)			
1940-41	<u>2/</u>	17,916	17,916
1941-42	<u>2/</u>	12,182	12,182
1942-43	<u>2/</u>	15,467	15,467
1943-44	<u>2/</u>	11,486	11,486
1944-45	<u>2/</u>	13,045	13,045
1945-56	<u>2/</u>	15,020	15,020
1946-47	<u>2/</u>	14,345	14,345
1947-48	<u>2/</u>	13,378	13,378
1948-49	<u>2/</u>	10,405	10,405
1949-50	<u>2/</u>	11,808	11,808
1950-51	<u>2/</u>	13,981	13,981
1951-52	<u>2/</u>	13,305	13,305
1952-53	<u>2/</u>	13,087	13,087
1953-54	<u>2/</u>	16,767	16,767
1954-55	<u>2/</u>	14,000	14,000
1955-56	<u>2/</u>	13,100	13,100
1956-57	<u>2/</u>	16,200	16,200
1957-58	<u>2/</u>	16,900	16,900
1958-59	340	16,900	17,240
1959-60	1,130	17,100	18,230
1960-61	540	13,800	14,340
1961-62	1,540	15,200	16,740
1962-63	490	12,500	12,990
1963-64	1,740	17,300	19,040
1964-65	1,110	13,100	14,210
1965-66	1,970	13,800	15,770
1966-67	2,810	15,300	18,110

^{1/} Estimates are for California only prior to 1958-59.

^{2/} Data not available.

Sources: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits by States, 1909-10 --- 1964-65, Revised Estimates, Production, Use, Value, Statistical Bulletin No. 380, Washington, D. C., January 1967; U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits by States, 1964-65 and 1965-66, Production, Use, Value, Washington, D. C., October 1966.

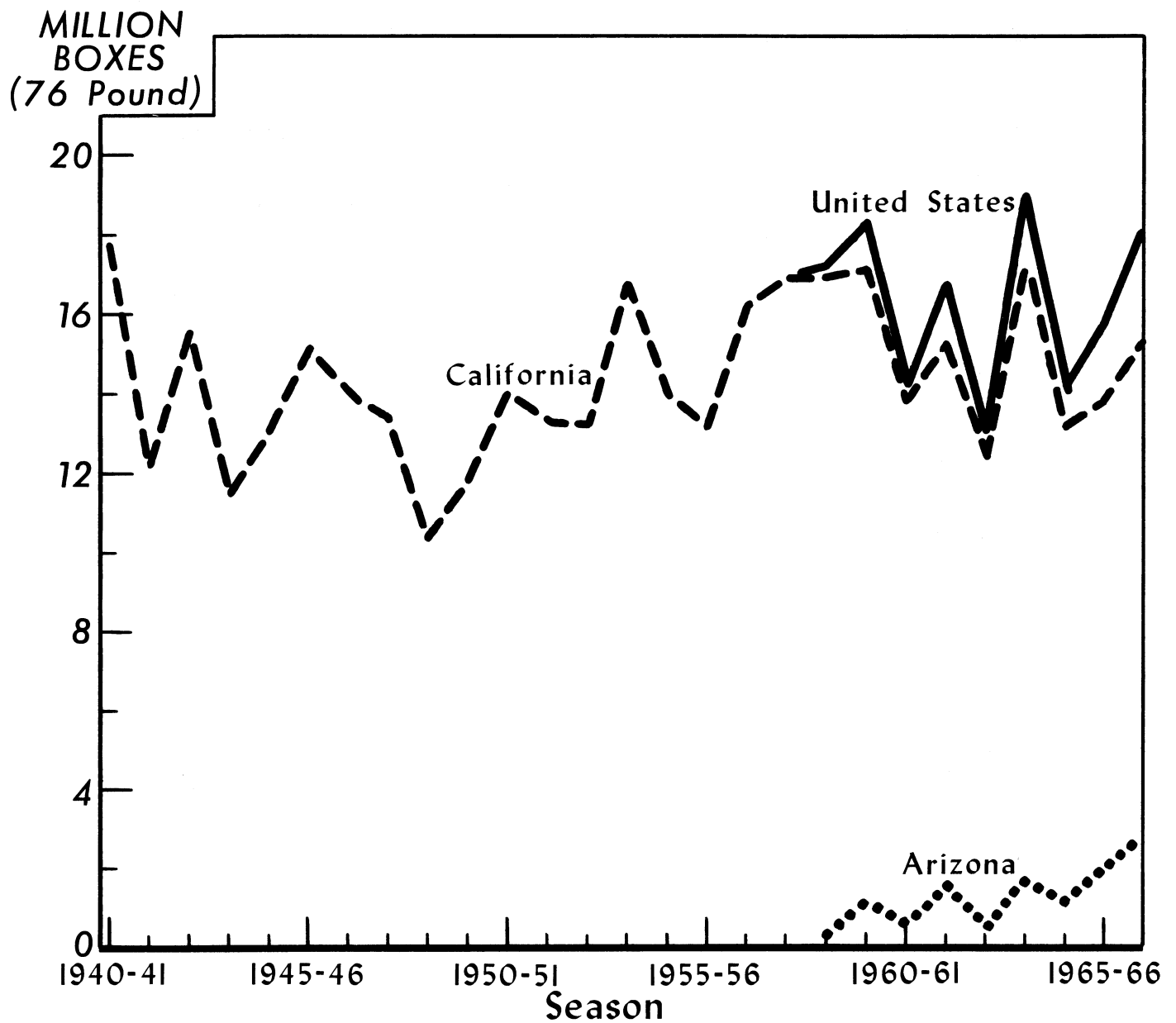


Figure 10. Lemon Production by States and United States, 1940-41 Through 1966-67.

Source: Table L-2.

TABLE L-3. FRESH LEMON SALES: TOTAL BY STATE AND UNITED STATES,
SEASONS 1940-41 THROUGH 1966-67.

Season	Arizona	California	United States ^{1/}
(Thousand Packed 76- Pound Boxes)			
1940-41	<u>2/</u>	9,213	9,213
1941-42	<u>2/</u>	8,181	8,181
1942-43	<u>2/</u>	10,020	10,020
1943-44	<u>2/</u>	9,630	9,630
1944-45	<u>2/</u>	10,015	10,015
1945-46	<u>2/</u>	9,474	9,474
1946-47	<u>2/</u>	9,741	9,741
1947-48	<u>2/</u>	8,803	8,803
1948-49	<u>2/</u>	8,087	8,087
1949-50	<u>2/</u>	8,119	8,119
1950-51	<u>2/</u>	8,662	8,662
1951-52	<u>2/</u>	8,709	8,709
1952-53	<u>2/</u>	8,557	8,557
1953-54	<u>2/</u>	8,862	8,862
1954-55	<u>2/</u>	9,190	9,190
1955-56	<u>2/</u>	8,950	8,950
1956-57	<u>2/</u>	9,640	9,640
1957-58	<u>2/</u>	10,180	10,180
1958-59	143	8,610	8,753
1959-60	411	8,945	9,356
1960-61	396	9,270	9,666
1961-62	494	8,505	8,999
1962-63	325	8,895	9,220
1963-64	438	9,000	9,438
1964-65	584	8,370	8,954
1965-66	643	8,510	9,153
1966-67	1,033	8,585	9,618

^{1/} Estimates are for California only prior to 1958-59.

^{2/} Data not available.

Sources: U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits by States, 1909-10 --- 1964-65, Revised Estimates, Production, Use, Value, Statistical Bulletin No. 380, Washington, D. C., January 1967; U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits by States, 1964-64 and 1965-66, Production, Use, Value, Washington, D. C., October 1966.

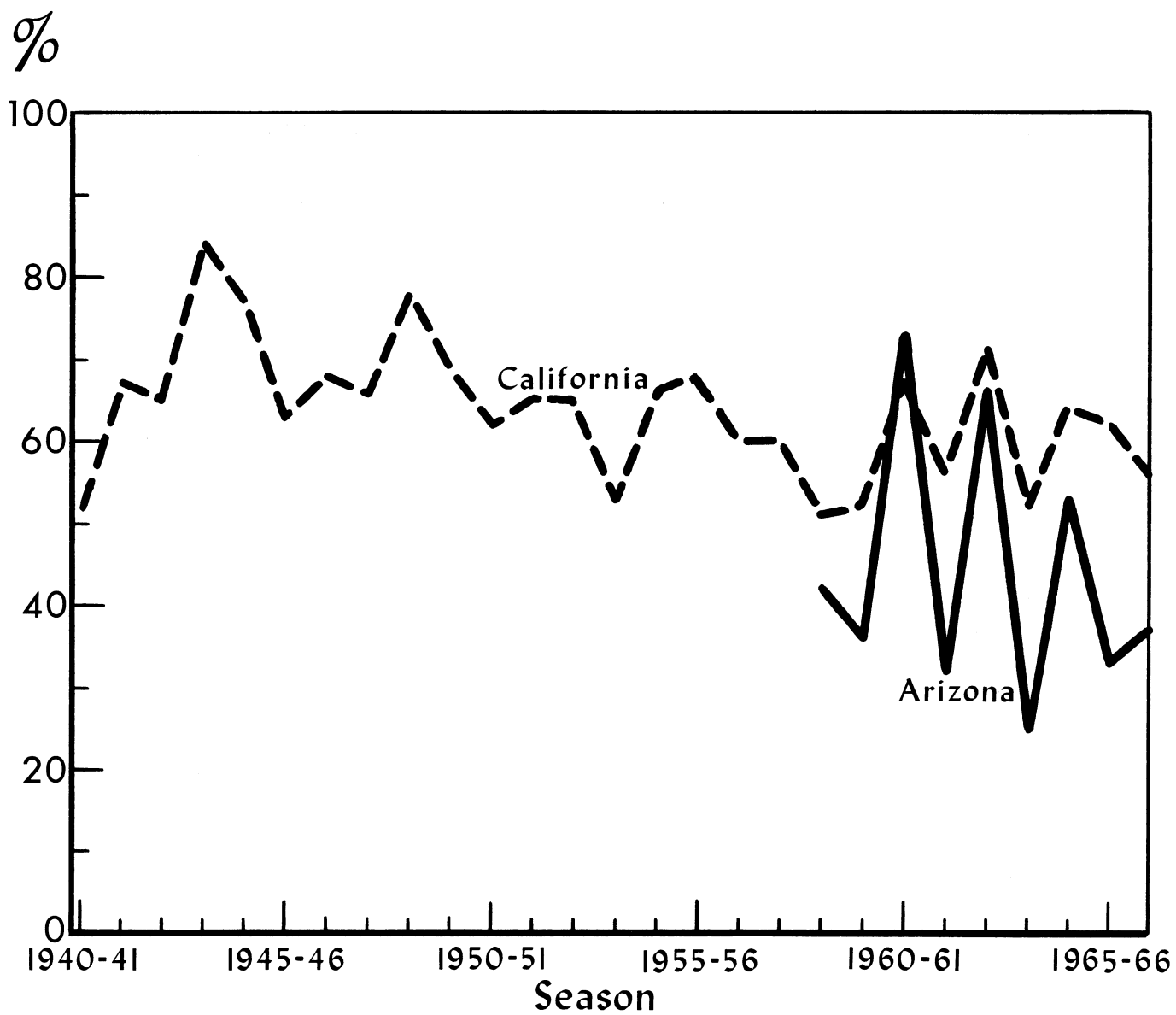


Figure 11. Percent of Total Lemon Production Sold Fresh, by States, 1940-41 Through 1966-67.

Source: Tables L-2 and L-3.

TABLE L-4. LEMONS PROCESSED: TOTAL BY STATE AND UNITED STATES,
SEASONS 1940-41 THROUGH 1966-67.

Season	Arizona	California	United States ^{1/}
(Thousand Packed 76-Pound Boxes)			
1940-41	<u>2/</u>	8,166	8,166
1941-42	<u>2/</u>	3,986	3,986
1942-43	<u>2/</u>	5,431	5,431
1943-44	<u>2/</u>	1,841	1,841
1944-45	<u>2/</u>	3,014	3,014
1945-46	<u>2/</u>	5,531	5,531
1946-47	<u>2/</u>	4,588	4,588
1947-48	<u>2/</u>	4,559	4,559
1948-49	<u>2/</u>	2,302	2,302
1949-50	<u>2/</u>	3,673	3,673
1950-51	<u>2/</u>	5,303	5,303
1951-52	<u>2/</u>	4,581	4,581
1952-53	<u>2/</u>	4,514	4,514
1953-54	<u>2/</u>	7,888	7,888
1954-55	<u>2/</u>	4,795	4,795
1955-56	<u>2/</u>	4,135	4,135
1956-57	<u>2/</u>	6,545	6,545
1957-58	<u>2/</u>	6,705	6,705
1958-59	196	8,275	8,471
1959-60	718	8,140	8,858
1960-61	143	4,515	4,658
1961-62	1,044	6,680	7,724
1962-63	164	3,590	3,754
1963-64	1,300	8,285	9,585
1964-65	524	4,715	5,239
1965-66	1,325	5,275	6,600
1966-67	1,773	6,700	8,473

^{1/} Estimates are for California only prior to 1958-59.

^{2/} Data not available.

Sources: U.S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits by States, 1909-10 --- 1964-65, Revised Estimates, Production, Use, Value, Statistical Bulletin No. 380, Washington, D. C., January 1967; U. S. Department of Agriculture, Statistical Reporting Service, Citrus Fruits by States, 1964-65 and 1965-66, Production, Use, Value, Washington, D. C., October 1966.

TABLE L-5. LEMON ACREAGE: BEARING ACREAGE BY PRODUCING AREA,
SEASONS 1951-52 THROUGH 1966-67.

Season	Producing Area			Total
	Central California	Southern California	Arizona & California Desert	
(Acres)				
1951-52	1,241	56,323	574	58,138
1952-53	1,287	56,465	701	58,453
1953-54	1,246	55,055	859	57,160
1954-55	1,322	54,421	832	56,575
1955-56	1,457	53,438	1,565	56,460
1956-57	1,457	54,113	1,788	57,358
1957-58	1,523	55,010	2,088	58,621
1958-59	1,657	54,314	4,012	59,983
1959-60	1,781	53,396	4,896	60,073
1960-61	1,713	50,148	5,570	57,431
1961-62	1,983	48,614	6,995	57,592
1962-63	1,883	46,123	6,866	54,872
1963-64	1,702	43,934	7,589	53,225
1964-65	1,764	41,242	7,532	50,538
1965-66	1,754	39,126	7,604	48,484
1966-67	2,014	38,770	7,751	48,535

Source: Lemon Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE L-6. LEMON ACREAGE: NONBEARING ACREAGE BY PRODUCING AREA,
SEASONS 1951-52 THROUGH 1966-67.

Season	Producing Area			Total
	Central California	Southern California	Arizona & California Desert	
(Acres)				
1951-52	0	5,741	15	5,756
1952-53	25	5,224	123	5,372
1953-54	20	6,403	256	6,679
1954-55	75	6,625	232	6,932
1955-56	118	7,871	2,600	10,589
1956-57	148	9,203	3,888	13,239
1957-58	200	8,558	4,088	12,846
1958-59	83	8,813	409	9,305
1959-60	88	7,291	236	7,615
1960-61	78	3,616	160	3,854
1961-62	10	2,276	570	2,856
1962-63	35	1,789	13	1,837
1963-64	350	1,852	489	2,691
1964-65	555	2,214	1,742	4,511
1965-66	1,001	2,678	3,730	7,409
1966-67	2,776	4,340	6,323	13,439

Source: Lemon Administrative Committee, Annual Report, Los Angeles,
California (various annual issues).

TABLE L-7. LEMON PRODUCTION: TOTAL BY PRODUCING AREA, SEASONS
1954-55 THROUGH 1966-67.

Season	Producing Area			Total
	Central California	Southern California	Arizona & California Desert	
(Thousand Packed 76-Pound Boxes)				
1954-55	357	13,694	130	14,181
1955-56	324	12,935	186	13,445
1956-57	367	15,093	282	15,742
1957-58	400	16,098	482	16,980
1958-59	493	16,980	360	17,833
1959-60	499	16,241	1,172	17,912
1960-61	305	13,063	564	13,932
1961-62	375	14,691	1,585	16,651
1962-63	261	12,278	534	13,073
1963-64	297	16,565	1,879	18,741
1964-65	505	12,520	1,269	14,294
1965-66	573	13,213	2,091	15,877
1966-67	673	14,292	2,925	17,890

Source: Lemon Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE L-8. FRESH LEMON SALES: TOTAL BY PRODUCING AREA, SEASONS
1954-55 THROUGH 1966-67^{1/}.

Season	Producing Area			Total
	Central California	Southern California	Arizona & California Desert	
(Thousand Packed 76-Pound Boxes)				
1954-55	239	8,924	75	9,238
1955-56	219	8,848	86	9,153
1956-57	261	8,966	163	9,390
1957-58	253	9,708	198	10,159
1958-59	281	8,526	156	8,963
1959-60	279	8,469	412	9,160
1960-61	220	8,776	411	9,407
1961-62	235	8,264	531	9,030
1962-63	196	8,637	361	9,194
1963-64	202	8,776	505	9,483
1964-65	358	7,916	684	8,958
1965-66	333	8,144	717	9,194
1966-67	352	7,852	1,018	9,222

^{1/} Includes intrastate, interstate, and export shipments.

Source: Lemon Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE L-9. LEMONS PROCESSED: TOTAL BY PRODUCING AREA, SEASONS
1954-55 THROUGH 1966-67.

Season	Producing Area			Total
	Central California	Southern California	Arizona & California Desert	
(Thousand Packed 76-Pound Boxes)				
1954-55	109	4,665	54	4,828
1955-56	100	3,944	98	4,142
1956-57	102	6,005	119	6,226
1957-58	144	6,238	282	6,664
1958-59	209	8,323	202	8,734
1959-60	216	7,637	757	8,610
1960-61	80	4,219	152	4,451
1961-62	137	6,284	1,048	7,469
1962-63	64	3,565	171	3,800
1963-64	93	7,669	1,360	9,122
1964-65	147	4,604	584	5,335
1965-66	240	5,069	1,374	6,683
1966-67	322	6,440	1,907	8,669

Source: Lemon Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE L-10. LEMON EXPORTS: TOTAL BY PRODUCING AREA, SEASONS
1954-55 THROUGH 1966-67.

Season	Producing Area			Total
	Central California	Southern California	Arizona & California Desert	
(Thousand Packed 76-Pound Boxes)				
1954-55	9	1,479	--	1,488
1955-56	7	1,724	--	1,731
1956-57	4	1,955	1	1,960
1957-58	52	2,963	6	3,021
1958-59	11	1,692	7	1,710
1959-60	33	2,081	41	2,155
1960-61	22	2,305	92	2,419
1961-62	38	1,725	173	1,936
1962-63	15	2,419	86	2,520
1963-64	23	2,464	113	2,600
1964-65	46	2,189	172	2,407
1965-66	51	2,559	187	2,797
1966-67	99	2,732	215	3,046

Source: Lemon Administrative Committee, Annual Report, Los Angeles, California (various annual issues).

TABLE L-11. LEMON SHIPMENTS: PERCENT BY RAIL AND BY TRUCK, ARIZONA AND CALIFORNIA, YEARS 1956 THROUGH 1966^{1/}.

Year	Arizona			California		
	Rail	Truck	Total	Rail	Truck	Total
(Percent)						
1956	86	14	100	79	21	100
1957	83	17	100	77	23	100
1958	83	17	100	78	22	100
1959	80	20	100	75	25	100
1960	81	19	100	71	29	100
1961	79	21	100	71	29	100
1962	81	19	100	64	36	100
1963	76	24	100	62	38	100
1964	61	39	100	58	42	100
1965	59	41	100	58	42	100
1966	73	27	100	60	40	100

^{1/} Based on unloads of fresh lemons in 41 U. S. cities.

Sources: U. S. Department of Agriculture, Agricultural Marketing Service, Carlot Unloads of Certain Fruits and Vegetables in 100 U. S. and 5 Canadian Cities, Washington, D. C. (1957-63 issues);

U. S. Department of Agriculture, Consumer and Marketing Service, Fresh Fruit and Vegetable Unload Totals for 41 Cities, Washington, D. C. (1964-67 issues).

TABLE L-12. FRESH LEMON SHIPMENTS: CARLOT UNLOADS IN TWENTY U. S. CITIES, BY PRODUCING STATE, YEARS 1957, 1962, and 1965^{1/}.

Destination	Arizona			California		
	1957	1962	1965	1957	1962	1965
(Carloads)						
Atlanta	0	4	2	413	420	358
Boston	26	24	36	344	350	315
Buffalo	12	0	0	113	70	67
Chicago	37	35	31	631	530	490
Cincinnati	2	1	12	234	89	139
Cleveland	6	10	3	264	196	167
Dallas	6	3	9	255	231	238
Denver	10	0	3	119	142	93
Detroit	30	15	27	423	317	273
Indianapolis	7	0	0	138	98	56
Kansas City	3	1	5	148	120	108
Los Angeles	8	28	63	825	714	715
Minneapolis	0	0	2	133	45	60
New York	4	76	46	2,223	1,948	1,885
Philadelphia	34	33	28	928	771	773
Pittsburgh	17	13	16	356	253	187
Portland	0	2	3	87	86	100
Salt Lake City	0	1	0	78	52	55
San Francisco	0	3	2	255	247	271
Seattle	0	0	0	41	109	112

^{1/} Includes truck and rail shipments.

Sources: U. S. Department of Agriculture, Agricultural Marketing Service, Carlot Unloads of Certain Fruits and Vegetables in 100 U. S. and 5 Canadian Cities, Washington, D. C., April 1958 and March 1963;
U. S. Department of Agriculture, Consumer and Marketing Service, Fresh Fruit and Vegetable Unloads for 41 Cities, Washington, D. C., March 1966.

TABLE L-13. ARIZONA LEMON PRICES: F.O.B., PACKINGHOUSE DOOR, AND EQUIVALENT ON TREE RETURNS PER PACKED BOX, SEASONS 1958-59 THROUGH 1966-67.

Season	F.O.B.	Packinghouse Door-Fresh	Equivalent on Tree		
			All	Fresh	Processed
(Dollars per Packed 76-Pound Box)					
1958-59	5.21	3.66	1.70	3.18	.62
1959-60	5.50	3.80	1.55	3.30	.55
1960-61	6.90	5.00	3.31	4.45	.15
1961-62	5.03	2.99	.86	2.04	.30
1962-63	8.15	6.20	3.64	5.20	.55
1963-64	5.10	3.05	1.67	2.20	1.49
1964-65	6.70	4.70	2.13	3.50	.60
1965-66	5.75	3.80	1.15	2.50	.50
1966-67	7.15	5.45	1.99	4.45	.55

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

TABLE L-14. CALIFORNIA LEMON PRICES: F.O.B., PACKINGHOUSE DOOR, AND EQUIVALENT ON TREE RETURNS PER PACKED BOX, SEASONS 1954-55 THROUGH 1966-67.

Season	F.O.B.	Packinghouse	Equivalent on Tree		
		Door-Fresh	All	Fresh	Processed
(Dollar per Packed 76-Pound Box)					
1954-55	5.56	3.75	1.99	2.95	.14
1955-56	5.98	4.06	2.36	3.28	.38
1956-57	5.16	3.21	1.51	2.45	.12
1957-58	4.94	3.00	1.43	2.24	.20
1958-59	5.33	3.40	1.16	2.64	-.38
1959-60	5.20	3.27	1.17	2.53	-.32
1960-61	5.15	3.16	1.62	2.34	.14
1961-62	5.12	3.12	1.47	2.34	.36
1962-63	6.54	4.60	3.13	3.76	1.58
1963-64	5.28	3.50	1.76	2.58	.87
1964-65	6.24	4.30	2.21	3.20	.46
1965-66	6.40	4.46	2.30	3.36	.60
1966-67	6.48	4.38	1.92	3.18	.30

Source: U. S. Department of Agriculture, Statistical Reporting Service, Prices Received by Farmers--Citrus Fruits, Noncitrus Fruits, Tree Nuts, Washington, D. C. (various annual issues).

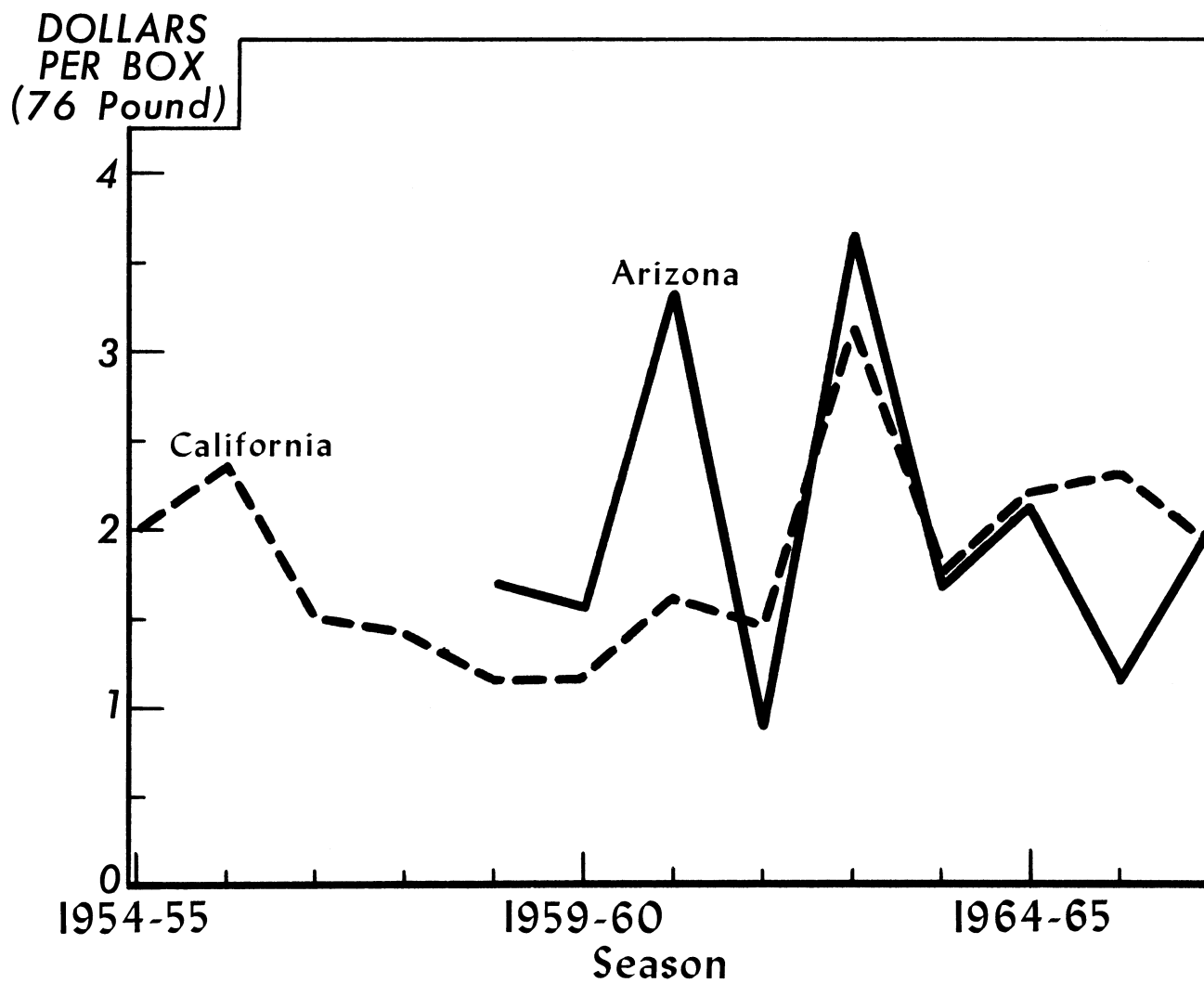


Figure 12. On Tree Returns per Packed Box of Lemons, by States, 1954-55 Through 1966-67.

Source: Table L-13 and L-14.

TABLE M-1. PER CAPITA CONSUMPTION: FRESH CITRUS FRUIT, UNITED STATES, YEARS 1930 THROUGH 1965.^{1/}

Year	Oranges	Tangerines	Grapefruit	Lemons	Total Citrus ^{2/}
(Pounds per Person)					
1930	18.9	.5	6.3	3.9	29.6
1931	26.2	1.5	8.9	3.3	40.0
1932	23.4	1.3	7.0	3.0	34.8
1933	25.3	1.3	7.5	3.3	37.4
1934	25.6	1.3	7.3	3.4	37.7
1935	29.2	1.3	7.9	3.9	42.4
1936	28.6	1.4	9.7	4.1	43.9
1937	25.3	1.9	11.7	3.2	42.2
1938	31.8	1.5	9.1	4.1	46.6
1939	39.0	2.1	13.0	4.0	58.2
1940	37.4	1.5	10.5	4.3	53.8
1941	37.0	1.6	11.6	4.5	54.8
1942	37.8	1.3	11.5	4.1	54.8
1943	37.7	2.6	11.9	4.8	57.2
1944	45.2	2.3	12.4	4.7	64.8
1945	42.8	2.5	12.8	4.8	63.1
1946	36.0	2.2	13.3	4.5	56.1
1947	39.4	1.7	13.2	4.6	59.0
1948	33.9	1.6	11.7	4.3	51.6
1949	29.2	1.9	10.4	3.9	45.5
1950	25.6	1.8	7.8	3.8	39.2
1951	27.4	1.7	9.8	4.8	43.8
1952	26.5	1.8	10.0	3.7	42.1
1953	26.3	2.0	9.2	3.5	41.2
1954	23.4	1.8	10.5	3.4	39.2
1955	23.7	1.9	10.2	3.2	39.2
1956	21.7	1.8	10.1	3.1	37.0
1957	20.7	1.7	9.1	3.2	35.0
1958	16.9	.8	8.4	2.9	29.3
1959	19.1	1.3	8.8	2.8	32.2
1960	18.6	1.0	9.2	2.8	31.9
1961	15.6	1.6	9.0	2.7	29.2
1962	15.2	1.2	8.3	2.7	27.9
1963	11.6	.8	6.2	2.4	21.4
1964	14.0	1.1	7.3	2.5	25.3
1965	16.1	1.2	8.0	2.2	28.0

^{1/} Based on weight of purchases at retail level.

^{2/} Includes tangelos and limes

Source: U. S. Department of Agriculture, Economic Research Service, U. S. Food Consumption, Statistical Bulletin 364, Washington, D. C., June 1965 (and, Supplement for 1965).

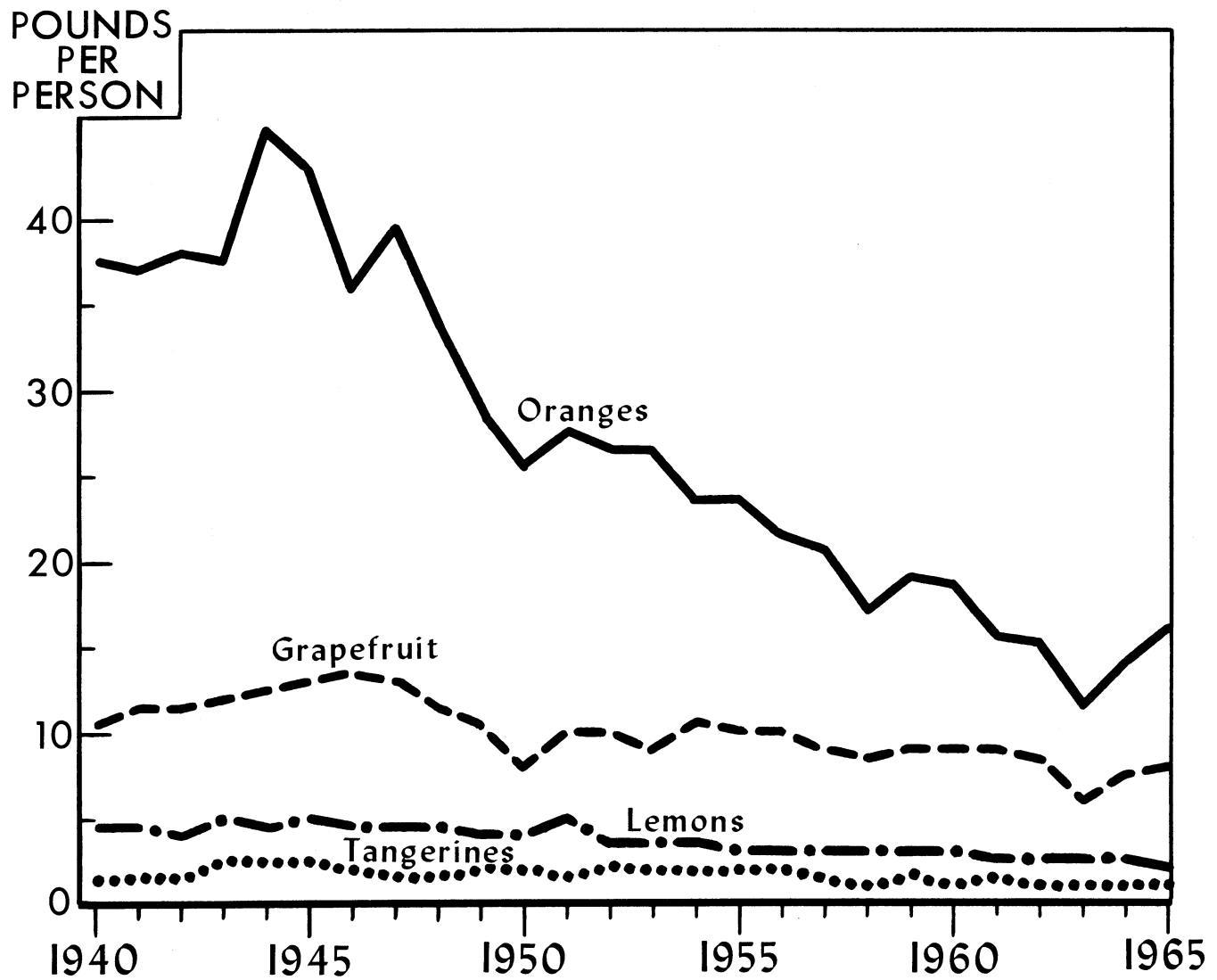


Figure 13. Per Capita Consumption of Fresh Oranges, Grapefruit, Lemons, and Tangerines, United States, 1940-1965.

Source: Table M-1.

TABLE M-2. PER CAPITA CONSUMPTION: CANNED, CHILLED, AND FROZEN CITRUS JUICES, UNITED STATES, YEARS 1940 THROUGH 1965.^{1/}

Year	Canned			Chilled ^{3/}		Frozen	
	Orange	Grape-fruit	Total Citrus ^{2/}	Orange	Grape-fruit	Orange	Other Citrus ^{4/}
(Pounds per Person)							
1940	.68	2.34	3.29	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>
1941	.74	3.08	4.70	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>
1942	.94	2.63	4.57	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>
1943	.27	3.03	4.02	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>
1944	1.46	4.80	7.59	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>
1945	2.75	3.19	7.84	<u>5/</u>	<u>5/</u>	<u>5/</u>	<u>5/</u>
1946	4.15	4.93	12.62	<u>5/</u>	<u>5/</u>	.11	.01
1947	4.11	3.38	11.04	<u>5/</u>	<u>5/</u>	.08	.01
1948	5.03	3.83	13.26	<u>5/</u>	<u>5/</u>	.21	.01
1949	3.87	2.84	10.71	<u>5/</u>	<u>5/</u>	3.07	.02
1950	3.37	2.02	8.65	<u>5/</u>	<u>5/</u>	4.74	.38
1951	3.81	2.73	9.97	<u>5/</u>	<u>5/</u>	6.64	.58
1952	3.58	2.04	8.44	<u>5/</u>	<u>5/</u>	10.76	.68
1953	3.13	1.97	7.83	<u>5/</u>	<u>5/</u>	11.82	1.03
1954	3.08	2.28	7.79	<u>5/</u>	<u>5/</u>	12.65	1.28
1955	2.95	2.18	7.27	.94	<u>5/</u>	14.33	1.48
1956	2.42	2.12	6.96	1.05	.07	13.96	1.52
1957	2.45	1.94	6.84	1.72	.05	15.23	1.76
1958	2.66	1.74	6.94	1.60	.04	11.67	1.60
1959	1.91	1.56	5.26	1.87	.03	14.49	2.15
1960	2.12	1.51	5.79	2.10	.02	15.62	1.86
1961	1.70	1.39	5.24	1.65	.03	15.30	1.43
1962	1.92	1.48	5.11	2.19	.08	17.98	1.51
1963	1.69	1.30	5.28	1.14	.03	11.84	1.20
1964	1.17	1.09	4.32	1.29	.07	10.58	1.38
1965	1.24	1.39	4.02	1.90	.05	14.10	1.39

^{1/} Single strength equivalent basis, rather than product weight.

^{2/} Includes blended orange and grapefruit, lemon, lime, and tangerine juices, and citrus concentrates.

^{3/} Produced commercially from fresh fruit in Florida; does not include reconstituted frozen juice or fresh juice produced for local sale.

^{4/} Includes orange juice used in blends.

^{5/} Data not available.

Source: U. S. Department of Agriculture, Economic Research Service, U. S. Food Consumption, Statistical Bulletin 364, Washington, D. C., June 1965 (and, Supplement for 1965).

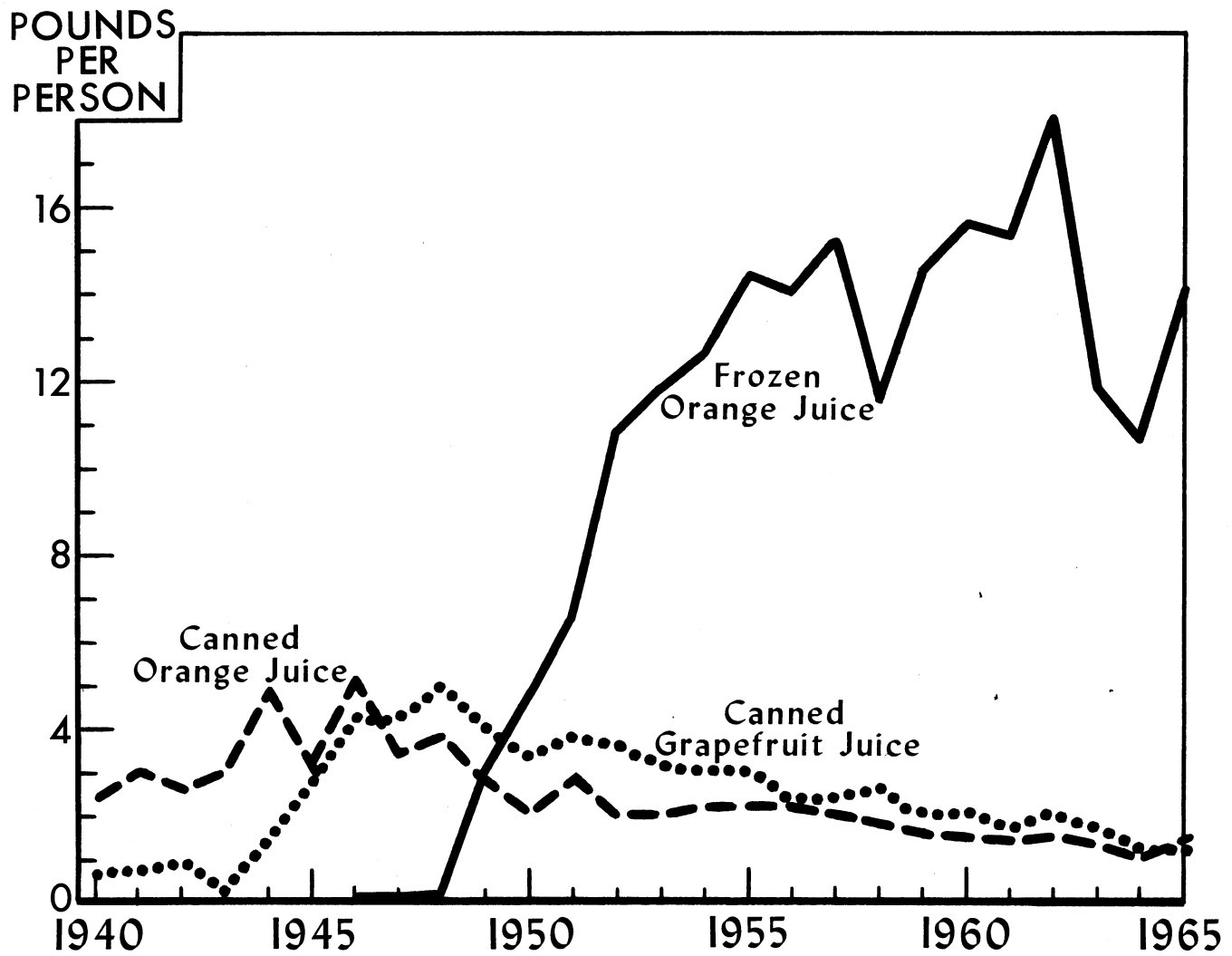


Figure 14. Per Capita Consumption of Canned Orange and Grapefruit Juice, and Frozen Orange Juice, United States, 1940-1965.

Source: Table M-2.